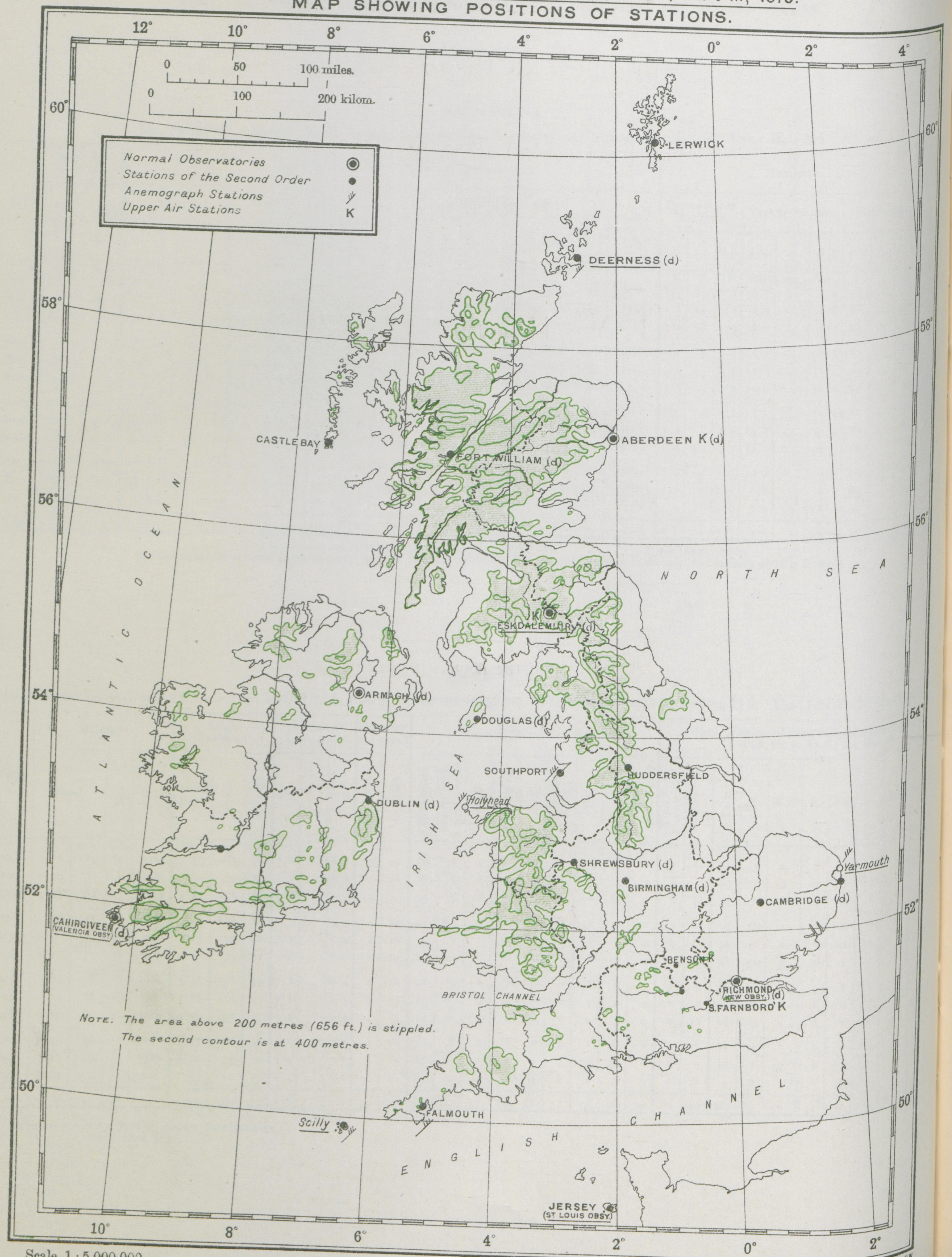
British Meteorological and Magnetic Year Book, Part III, 1918.

MAP SHOWING POSITIONS OF STATIONS.

To face


12°
10°
8°
6°
4°
2°
0°
2°
4°
60°
58°
56°
54°
52°
50°
0 50 100 miles.
0 100 200 kilom.
Normal Observatories ◉
Stations of the Second Order ●
Anemograph Stations
Upper Air Stations K
LERWICK
DEERNESS (d)
CASTLE BAY
FORT WILLIAM (d)
ABERDEEN K (d)
ATLANTIC OCEAN
NORTH SEA
ESKDALEMUIR K (d)
ARMAGH (d)
DOUGLAS (d)
SOUTHPORT
HUDDERSFIELD
DUBLIN (d)
IRISH SEA
Holyhead
SHREWSBURY (d)
BIRMINGHAM (d)
Yarmouth
CAMBRIDGE (d)
CAHIRCIVEEN (VALENCIA OBSY.) (d)
BENSON K
RICHMOND (KEW OBSY.) (d)
S. FARNBORO' K
BRISTOL CHANNEL
FALMOUTH
Scilly
ENGLISH CHANNEL
JERSEY (ST. LOUIS OBSY.)
10°
8°
6°
4°
2°
0°
2°

NOTE. The area above 200 metres (656 ft.) is stippled.
The second contour is at 400 metres.

Scale 1 : 5,000,000.

PS. 6002. 15559. 478. 250. 4/19.

Wyman & Sons Ltd Litho. M.O. Press, London S.W.

Observations from Stations underlined and from Upper Air Stations are published in the "Geophysical Journal."
Daily values are published in the following pages for all stations marked (d).

M.O. No. 231c.

METEOROLOGICAL OFFICE.

BRITISH METEOROLOGICAL AND MAGNETIC YEAR-BOOK, 1918.

PART III., SECTION 1.

DAILY READINGS

AT

METEOROLOGICAL STATIONS OF THE FIRST AND SECOND ORDERS

1918.

Published by Authority of the Meteorological Committee.

LONDON:
To be purchased from
THE METEOROLOGICAL OFFICE, Exhibition Road, London, S.W. 7
Monthly Numbers, Price Sixpence each.

1919.
Price Five Shillings.

TABLE OF CONTENTS.

Frontispiece Map Showing Positions of Stations . . . . To face Title
Introduction . . . . page i

METEOROLOGICAL DATA.

Results for Stations of the First and Second Orders.

The numbers indicate the pages on which the information is given.

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
Aberdeen . .	1	5	9	13	17	21	25	29	33	37	41	45	50
Armagh . .	4	8	12	16	20	24	28	32	36	40	44	48	56
Birmingham . .	—	—	—	—	—	—	27	31	35	39	43	47	—
Cambridge . .	3	7	11	15	19	23	27	31	35	39	43	47	—
Deerness . .	1	5	9	13	17	21	25	29	33	37	41	45	—
Douglas . .	2	6	10	14	18	22	26	30	34	38	42	46	—
Dublin . . .	4	8	12	16	20	24	28	32	36	40	44	48	—
Fort William .	2	6	10	14	18	22	26	30	34	38	42	46	—
Shrewsbury . .	3	7	11	15	19	23	—	—	—	—	—	—	—

Annual Supplement . . . . pp. 49–56

DAILY READINGS AT METEOROLOGICAL STATIONS OF THE FIRST AND SECOND ORDERS.

THE BRITISH METEOROLOGICAL AND MAGNETIC YEAR BOOK.

The serial statistical publications of the Meteorological Office which have been grouped together under this title are as follows :—

Part I. *Weekly Weather Report*, with appendices. Issued on Friday of each week. Price 6d. per number. Annual subscription (which includes the Monthly Weather Report) 30s., postage paid.

Part II. *Monthly Weather Report*, with an annual summary. Issued on the 27th day of each month. Price 6d. per number.

Part III. (1) *Daily Readings* at Stations of the First and Second Orders. Issued in monthly parts within about five weeks of the close of each month. An annual supplement is also issued. Price 6d. each part. Annual volume, 5s.

Part III. (2) *Geophysical Journal* of the Observatories of the Meteorological Office. Issued in monthly parts, with an annual supplement. Price 1s. each part. Annual volume, 10s.

Part IV. *Hourly Values from Autographic Records*. Issued at the end of each year. Price 5s.

Part V. *Réseau Mondial*. Monthly and annual summaries for land stations, generally two for each ten-degree square of latitude and longitude. Issued in annual volumes.

Note.—The *Réseau Mondial* has been issued for 1911, 1912, and 1913; 1910 is being prepared. The data for subsequent years have not yet been received, and it is doubtful how far the work for those years can be completed.

"DAILY READINGS" FOR THE YEAR 1918.

The present tables are issued in continuation of the annual volumes of "Meteorological Observations at Stations of the Second Order," which have been published since 1873. They contain daily observations made at 9 h. and 21 h. at eight selected stations in the British Isles. The corresponding Daily Values for three Observatories, together with tables of Wind-Components for four anemograph-stations, will be found in the "Geophysical Journal" (Part III., Section 2 of the Year-Book). It may be noted that daily readings at 7 h. and 18 h. are given in the Daily Weather Report. The maps in that publication, as well as the descriptive summary in the Monthly Weather Report, may be regarded as complementary to the tables in the present volume. The issue of Section 2 of the Weekly Weather Report (Daily maps of the greater part of the northern Hemisphere) has been interrupted by the war.

On pp. 49–56 of this volume will be found the Annual Supplement, which shows at one opening the mean values or totals for each month, and for the whole year, of the various elements at eleven stations, together with the extreme temperatures and the maximum rainfall. In the selection of stations for inclusion in this Supplement preference was given to those for which observations at an afternoon hour were available. For the annual values at other stations reference should be made to the Annual Summary of the Monthly Weather Report. In the Annual Summary are also given

Wt. 15559/478—250—4/19. N. & Co., Ltd. Gp. XV.

in Tables VI., VII., VIII., and IX., Monthly and Annual Frequencies of days of Sunshine of specified duration for sixteen stations; lowest day and the highest night temperature for each month, with the dates of their occurrence, for eighteen stations; and the frequency of specified daily rainfall totals, and the frequency of specified maximum and minimum temperatures, for the year for eighteen stations.

To render the observations available for general use as early as possible "Daily Readings" appears in monthly parts, which are issued usually within five weeks of the close of the month to which the observations refer. The monthly issues can be purchased separately.

The observations have been made in accordance with the instructions given in the "Observer's Handbook," to which reference should be made for particulars of the types of instruments used, the general regulations regarding their exposure, and the methods of observing.

The form adopted for publishing the results is that prescribed by the Permanent Meteorological Committee of the International Congress of Official Delegates which met in Vienna in 1873. It was agreed upon at a meeting of the Committee at Utrecht in 1874. For the purposes of this publication the form has been amplified, since 1906, to include the depression of the wet-bulb thermometer, the duration of bright sunshine, the minimum temperature on the grass, and the weather at the time of observation, wherever these data are available.

The results of the observations are expressed in metric units in the present volume. The units adopted for the different elements are stated below. Tables for conversion from British to Metric Units are given in the 1915 volume and in the "Computer's Handbook."

Hours of Observation.—The observations at Deerness, Aberdeen, and Fort William have been made at 9 h. and 21 h. by Greenwich Mean Time throughout the year, the adoption of "Summer Time" for the public clocks from March 24 to September 29 not affecting the use of Greenwich Time for meteorological purposes.

The hours of observation at Douglas, Shrewsbury, Birmingham, Dublin, and Armagh are reckoned by local time, approximately 20 minutes, 10 minutes, 7 minutes, 25 minutes, and 25 minutes after Greenwich Mean Time. The times of observations entered in the "remarks" column are referred to Greenwich Time throughout the year. It may be noted that, with the introduction of Summer Time in 1916, a permanent change was made in the hours of observation at Cambridge. Up to May 20, 1916, they were 9 h. and 21 h., but subsequently they have been 8 h. and 20 h.

Height of the Station.—The height of the station, denoted by the letter H, is that of the ground on which the rain-gauge stands. Irish Ordnance Datum is the height of low-water at Dublin, which is 7 feet below British Ordnance Datum, which is the Mean Sea Level at Liverpool and within a foot of the mean level of the sea round the British Isles. A correction of − 7 feet has accordingly been applied since 1885 to the heights of Irish stations above Irish Ordnance Datum. In the case of Armagh it has recently been noticed that such a correction was applied inadvertently to heights which were already referred to Mean Sea Level. The heights above Mean Sea Level for this station since 1885 should therefore be increased by 7 feet. The correct values are, $H = 204$ ft. (62 m.), $H_b = 209$ ft. (64 m.), $H_a = 254$ ft. (77 m.). The height of the barometer H_b is the height of the cistern above Mean Sea Level. The height of the thermometers h_t is the height above the ground on which the screen stands: the height of the rain-gauge h_r is the height of the rim of the receiver above the ground.

Pressure.—The values of pressure are given for Mean Sea Level, and the readings of the barometers have been corrected for the variation of gravity with latitude. The values are therefore in true units of pressure. They are expressed in millibars. 1 millibar $= 10^3$ dynes per square centimetre $= 0{\cdot}0295306$ inches or $0{\cdot}75008$ millimetres of mercury under standard conditions.

Temperature.—The maximum and minimum thermometers are read and set at 21 h. The values are given in degrees absolute. Temperatures at or below 273a., the normal freezing point of water, are printed in small type.

Hygrometry.—The Tables used in the computation of the vapour pressure and percentage humidity are based on Glaisher's formulæ, which represent the mean results of long series of comparisons between the readings of dry- and wet-bulb thermometers and dew point hygrometers. There may be considerable errors when the formulæ are applied to individual readings. In general the calculated humidities which are published here will be too low on windy days, too high in calm weather. The vapour pressure is expressed in millibars.

Wind.—At Deerness, Aberdeen, and Armagh, stations provided with Robinson Anemometers, the results are taken from the instrumental records, and the velocities are expressed in metres per second (m/s). No direction is specified if the velocity is under 2 m/s, and such winds have been counted as "calms" in preparing the summaries published in the "Monthly Weather Report." The heights of the anemometers are as follows:—

	Above sea-level.	Above ground.	Above Building.
Deerness . . .	57 m.	5 m.	2 m.
Aberdeen . . .	37 m.	22 m.	4 m.
Armagh . . .	77 m.	15 m.	—

The observatory at Armagh is sheltered by trees, so that the recorded wind-velocity at this station does not represent the general flow of the air at the same level in the neighbourhood.

The factor used for translating the run of the cups into the velocity of the wind has been 2·2 since January 1906. Previous to that date the factor 3·0 was used. With the factor 2·2, winds below 8 m/s are probably under-estimated (see "Observer's Handbook," 1918, p. 79).

At the remaining stations the observations are estimated on the Beaufort Scale, 0 – 12. The following table may be used for a comparison between anemometer records and estimates on the Beaufort Scale. The table refers to the wind speed at 10 metres above ground in the open.

Beaufort Scale.		Calm. 0	Light Air. 1	Slight Breeze. 2	Gentle Breeze. 3	Modte. Breeze. 4	Fresh Breeze. 5	Strong Breeze. 6	High Wind. 7	Gale. 8	Strong Gale. 9	Whole Gale. 10	Storm. 11	Hurri-cane. 12
Mean wind speed at 10 metres.	mi/hr	Less than 1	1 to 3	4 to 7	8 to 12	13 to 18	19 to 24	25 to 31	32 to 38	39 to 46	47 to 54	55 to 63	64 to 75	Above 75
	m/s	Less than 0·3	0·3 to 1·5	1·6 to 3·3	3·4 to 5·4	5·5 to 7·9	8·0 to 10·7	10·8 to 13·8	13·9 to 17·1	17·2 to 20·7	20·8 to 24·4	24·5 to 28·4	28·5 to 33·5	Above 33·5

*

LIST OF STATIONS OF THE FIRST AND SECOND ORDERS.

Station.	Authority.	Daily Readings.	Monthly Summaries.	Collected Monthly Summaries.	Normals.
(*a*) Stations for which Daily Readings are published in this volume.					
Deerness	M. Spence	1886–	1886–	1886–1907	a. b. c.
Aberdeen	Prof. C. Niven, M.A., F.R.S.	*1911–	1876–	1886–1907, 1914–	a. c. d. e.
Fort William	W. T. Kilgour	*1911–	1890–	1890–1907	a. c. d.
Douglas	The Borough Surveyor	1878–	1884–	1878–1907,	a. c. d.
Shrewsbury	The Superintendent, Ordnance Survey Office.	1908–1918	1904–1918	—	—
Birmingham (Edgbaston)	The Curator for the Midland Institute	1918–	1900–	1897–1907, 1918–	a.
Cambridge	R. I. Lynch, M.A. (for the Botanic Gardens Syndicate).	*1899–	1876–	1899–1907	a. d.
Armagh	Rev. Charles Faris.	*1884–	1884–	1884–1907, 1914–	a. c. d.
Dublin (Phœnix Park)	The Superintendent, Ordnance Survey Office.	1881–	1902–	1881–1907	a. c.
(*b*) Stations for which Daily Readings are published in the *Geophysical Journal*; summaries in this volume.					
Cahirciveen (Valencia Observatory).	L. H. G. Dines, M.A., Superintendent.	*1911–	1876–	1886–1907, 1914–	a. c. e.
Eskdalemuir	A. Crichton Mitchell, D.Sc., Superintendent.	1910–	1910–	1914–	—
Richmond (Kew Observatory).	C. Chree, Sc.D., F.R.S., Superintendent.	*1911–	1884–	1886–1907, 1914–	a. c. d. e.
Jersey (St Louis Observatory).	Rev. Marc Dechevrens, S.J.	*1914–	—	—	—
(*c*) Stations for which Summaries only are published in this volume.					
Lerwick	Coastguard (for M.O.)	*—	1911–	1914–	a. c.
Castlebay	J. Smith (for M.O.)	*—	1908–	1914–	—
Huddersfield	J. Firth (for the Corporation)	—	1907–	1914–	—
Yarmouth (Gorleston)	Coastguard (for M.O.)	*—	1876–	1916–	a. c. d.
Falmouth	The Meteorological Office	*—	1869–	1886–1907, 1914–	a. c. d. e.
Southport	J. Baxendell (for the Corporation).	—	1902–	1914–	a.

* *See* Notes, p. vi.

The wind direction is *true, i.e.* geographical as distinguished from *magnetic*, in all cases.

Cloud and Weather.—The amount of cloud is estimated on the scale, 0, sky cloudless: 10, sky completely overcast. No account is taken of the form or density of the cloud. The weather at the time of observation is indicated by appending the appropriate weather symbol to the figure showing the amount of cloud.

Rainfall.—The amount entered to each day refers to the twenty-four hours commencing at 9 h. on that day. The results are expressed in millimetres.

Remarks.—The following symbols which have been adopted by international agreement are used in the column headed "Remarks."

Rain	●	Soft Hail	△	Hoar Frost	⊔	Thunder	T	Lunar Corona	⋓
Snow	✳	Ice Crystals	←	Dew	⍛	Lightning	<	Lunar Halo	⊎
Snow lying	⊠	Fog	≡	Rime	V	Gale	⁄	Rainbow	⌒
Snow Drift	⇸	Wet Fog	≡⁝	Glazed Frost	~	Solar Corona	⦶	Aurora	Ш
Hail	▲	Mist	$\equiv^0$	Thunderstorm	Ꞧ	Solar Halo	⊕	Haze	∞

The intensities of the various phenomena are indicated by appending indices ^{0} or ^{2} to them, thus :—

●^{0} slight rain. ●^{2} heavy rain.

In giving the time of occurrence of a phenomenon, the "m" of the designations a.m. and p.m. is not printed. Hence—

a. stands for a.m.; p. stands for p.m.; n. is used to indicate "night."

Figures printed in italic type are interpolations adopted in the absence of the usual data. They have been obtained by careful comparison of the returns from neighbouring stations. The extreme values of temperature, humidity, and rainfall in each column are shown by the letters *x* and *n*.

NOTES ON THE LIST OF STATIONS.

A list of stations with the names of the Observers and references to previous observations is given on p. iv.

None of the stations for which daily values are given have appeared continuously in this publication since its commencement in 1873. The years during which each of the present stations has appeared are shown in the list as well as the years for which monthly summaries are published.

It may be noted that Daily Readings at the seven observatories in connection with the Meteorological Office—Aberdeen, Glasgow, Stonyhurst, Armagh, Valencia, Falmouth, and Kew—were not published as such when the publication of "Daily Readings at Stations of the Second Order" commenced in 1873. The weather at the observatories was recorded from 1869 to 1880 in the Quarterly Weather Report by means of reproductions of the traces of the autographic instruments. Hourly readings for all the observatories were published from 1874 to 1883. In 1884 the number of such observatories was reduced by the omission of Glasgow, Stonyhurst, and Armagh. It was not until the appearance of the "Geophysical Journal" in 1911 that the daily readings at the three observatories now under the direct control of the Office—Valencia Observatory, Cahirciveen, Kew Observatory, Richmond, and Eskdalemuir Observatory, Dumfriesshire—were made accessible in the same form as those at the Stations of the Second Order given in this volume.

A card-catalogue showing the forms of publication of observations at the various stations is being prepared at the Office.

Deerness.—The following records for Orkney form an approximately homogeneous series: Stromness, 1827–1832; Sandwick, 1832–1885; Swanbister, 1886–1890; Stenness, 1890–1891; Deerness, since 1891. For data from 1827 to 1859, see "Meteorological Observations taken at Orkney, with remarks on the Climate," by the Reverend Ch. Clouston (1861). Observations have appeared in the *Journal of the Scottish Meteorological Society* from 1856.

Aberdeen.—Telegraphic reports from Aberdeen have been received since 1860. The Observatory dates from 1867. The telegraphic work was transferred to the Observatory in 1888.

Fort William.—This station was started in 1883 so that the observations might be available for comparison with those at the summit of Ben Nevis, where an observatory was in operation from 1883 to 1904. A first-class observatory was maintained at Fort William by the Meteorological Office from 1890 to 1904, and "Hourly Means" were published for those years.

Douglas.—The station was moved from Cronkbourne to the Cemetery in 1908.

Shrewsbury.—Observations from this station were first published in 1904. The series has been broken owing to the removal of the Office of the Ordnance Survey from Shrewsbury.

Birmingham (Edgbaston).—The Observatory of the Birmingham and Midland Institute has been at Edgbaston since 1884. Observations have been published locally from 1891.

Cambridge.—Daily observations appeared in the Daily Weather Report, 1872–1899. The meteorological station was transferred from the Observatory to the Botanic Gardens in January 1904.

Armagh.—Regular observations have been made at Armagh since 1833, and less systematic records are available from 1793. Armagh was one of the original seven observatories of the Meteorological Office, so that the observations have been published since 1869.

Dublin.—Observations have been made since 1853; publication by the Meteorological Office dates from 1881. For earlier years, from 1876, Dublin was only represented in official publications by Dr (now Sir) John Moore's station in the city.

Cahirciveen (Valencia Observatory).—The Observatory was established on Valencia Island in 1867, and moved to Cahirciveen in 1892. The telegraphic reports which were sent from Valencia from October 8, 1860, were not supplied by the Observatory until June 1876.

Eskdalemuir.—The Observatory was opened in 1908.

Richmond (Kew Observatory).—Systematic meteorological observations have been made since 1843. The Observatory was the model for the six observatories established by the Office in 1867.

Jersey (St Louis Observatory).—The Observatory is about 3 miles from the telegraphic station at St Aubins. It was founded in 1894, and observations up to 1913 were published locally. Abstracts for 1914–1916 were issued as a supplement to the "Geophysical Journal," 1916.

Lerwick.—A telegraphic reporting station was established in the Shetland Islands in 1876 at Sumburgh Head. It was transferred to Lerwick in May 1911. From May 17, 1918, to the end of the year the station was at Ander Hill, on Bressay Island, in a higher and much more exposed position. It was re-established at Fort Charlotte on March 1, 1919.

Castlebay.—Telegraphic station established in 1907.

Huddersfield.—Reports published from 1907.

Yarmouth.—One of the original telegraphic stations (1860). The position of the station was changed in 1872 and in 1907.

Falmouth.—One of the original observatories. Daily readings as such were not published until Falmouth became a telegraphic reporting station in 1914.

Southport.—For full particulars reference should be made to the summaries published locally. The record commenced in 1871.

INFORMATION FOR PREVIOUS YEARS.

The following list gives the dates of various series in which monthly values of meteorological elements for British stations are incorporated:—

International Form B: published in "Observations at Stations of the Second Order"	1873–1907
and in "Observations at Stations of the First and Second Orders: Annual Supplement"	1914–
Monthly Weather Report (with Annual Summary from 1905)	1884–
Weather Summaries; Working forms preserved at M.O.	1876–1902
International Form B: Working forms preserved at M.O.	1902–
For Observatories; Q.W.R. 1869–1880; H.R. 1881–	1869–
For Telegraphic Stations; Q.W.R. 1876–1880; D.W.R. Supplement 1881–1888	1876–1888
For Royal Meteorological Society Stations: Meteorological Record	1881–1911
For Scottish Stations: Journal of the Scottish Meteorological Society	1856–
Registrar-General's Returns	1849–
British Rainfall	1860–

NORMAL VALUES.

Reference is made in the list of stations, and also in the tables of observations, to publications of the Office containing average values for long periods, by letters **a**, **b**, etc. The explanations of these letters are as follows:—

a. Appendix IV. of "The Weekly Weather Report" for 1913. Monthly averages* of mean maximum, mean minimum, and mean temperature, and of rainfall for the thirty-five years 1876–1910, and (when available) of bright sunshine for the thirty years 1881–1910.

b. Appendix I. to the volume of "Meteorological Observations at Stations of the Second Order" for 1891. Monthly averages for all elements for the fifteen years 1876–1890.

c. "Temperature Tables of the British Islands," 1871–1900. Monthly averages of mean maximum, mean minimum, and mean temperature, generally for the thirty years 1871–1900, together with information on the extremes of temperature over the same period.

d. "Rainfall Tables of the British Islands," Part I., 1866–1880; Part II., 1881–1890.

e. "Hourly Values from Autographic Records," *Geophysical Section.*

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* Normal values of temperature, rainfall, and sunshine, for the thirty-five years 1881–1915, have been computed, and will be published as soon as possible.

Col. H. G. LYONS, R.E., F.R.S., *Director.*

Meteorological Office, London, S.W.,
April 9th, 1919.

DAILY READINGS AT METEOROLOGICAL STATIONS OF THE FIRST AND SECOND ORDERS, 1918.

DEERNESS, ORKNEY, a.b.c.—JANUARY 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 48·8 m. ; Barometer, H_b = 49·7 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Cups of Anemometer, h_a = 4·9 m. Lat. 58° 56′ N. Long. 2° 45′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level.		Air Temperature in Degrees Absolute.				Humidity. Depression of Wet.		Humidity. Vapour Pressure.		Humidity. Percentage.		Wind. Veer from North and Force or Speed.				Cloud Amount and Weather.		Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.		9 h.	21 h.				
	millibar.		a. 200 +	a. 200 +	a. 200 +	a. 200 +	°	°	millibar.		%	%	°	m/s.	°	m/s.	Tenths of Sky covered.		mm.	hr.	a. 200 +	
1	1032·5	1021·7	75·6	74·0	80	76	1·3	0·2	6·0	6·3	81	95	259	3	292	15	7	9	1·4	—	No record.	☈ 4 h.–7 h. Fine. ●^{0} *p.*
2	1028·8	1032·2	74·6	74·1	76	72	1·7	0·6	4·9	5·9	72	88	349	11	349	12	9	8✻	—	—		Dry *a.* ✻▲ showers *p.*
3	1032·5	1023·0	72·8	77·8	78	71	0·9	0·6	4·7	7·9	78	92	315	7	281	9	10✻	10●^{0}	2·4	—		✻▲ showers *a.* ✻● *p.*
4	1021·7	1020·6	77·6	76·9	79	77	0·4	0·4	8·0	7·6	95	94	304	7	292	6	1	2	1·8	0·1		Red sunrise. ●^{0} 15 h.–18 h.
5	1014·9	1007·1	78·9	72·4	80	77	0·6	0·8	8·5	4·7	92	79	281	13	281	10	10	9	10·1	—		●^{0} showers all day. ● *n.*
6	997·3	985·8	71·9	69·6	74	70	0·2	0·1	5·3	4·5	93	96	34	8	34	13	10✻	10✻	3·5	—		⊠ 7 cm. ✻^{2}. ⇸ 60 cm. *p.*
7	987·5	999·3	70·4	68·6	71	69	0·3	0·2	4·4	3·8	87	88	337	18	337	19	8✻	8✻▲	0·5	0·1		⊠ ↗ ✻▲. ⇸ 150 cm.
8	1001·3	1009·1	66·1	67·2	*n* 69	66	0·6	1·1	2·5	1·9	70	*n* 50	326	16	304	11	8✻▲	8	1·0	0·1		↗ 2 h.–6 h. ⊠✻▲ showers. ⇸
9	998·6	999·6	71·7	73·9	75	*n* 65	1·1	0·3	3·8	6·1	69	93	169	12	292	6	10✻	10✻●	6·5	0·6		⊠✻^{2} *a.* ●✻ after 18 h. ▲ *n.*
10	997·9	1002·0	74·5	67·2	75	67	1·2	0·3	5·4	3·2	79	83	304	15	315	17	9	8	1·5	—		⊠. Slight thaw; blizzard 17 h.– [20 h. ✻^{0}.
11	1007·1	998·3	72·2	70·3	74	66	0·8	0·8	4·6	3·5	78	70	292	7	214	3	8	3	—	—		⊠✻^{0} early. Heavy ground swell
12	994·6	997·3	72·8	71·4	74	70	1·1	0·3	4·5	4·8	74	90	101	3	22	6	6	10✻	*x* 21·0	2·3		⊠. ✻^{2} after 20 h. [from SE.
13	997·3	1009·5	71·1	66·7	72	67	0·6	0·6	4·4	2·6	82	70	315	20	281	12	10✻	6	5·0	—		⊠ 25 cm. ✻^{2}. ⇸ 180 cm. ↗ *a.*
14	1010·8	992·5	65·0	70·6	71	*n* 65	0·3	0·6	2·6	4·1	81	80	—	0	146	15	8	10✻	6·0	—		⊠. ✻ after 15 h. ⇸
15	989·5	995·9	70·1	69·4	72	69	0·8	0·7	3·5	3·4	71	72	11	16	315	12	3	9	1·0	0·3		↗ 6 h.–8 h. ⊠. ✻⇸ till 8 h.
16	994·9	999·6	67·8	69·3	71	67	0·6	0·7	2·9	3·1	73	69	304	16	304	11	2	7	1·3	1·4		⊠. ✻^{0} early. ✻ 16 h.–21 h.
17	1008·1	1003·0	71·7	71·2	74	69	1·4	1·2	3·5	3·4	63	64	22	4	202	6	7	3	0·8	2·1		⊠. Milder. ✻ 16 h.–18 h.
18	996·3	999·6	72·3	70·7	73	67	1·1	1·6	4·3	2·6	72	51	247	3	—	1	10✻	1	1·3	3·2		⊠. ✻ *a.* Fine *p.*
19	1004·0	995·2	72·8	74·1	75	69	1·7	0·2	3·8	6·4	64	96	180	4	135	15	4	10●	7·3	—		⊠. Fine. ● and thaw from 18 h.
20	982·7	985·4	75·6	77·2	78	74	0·1	0·0	7·2	8·2	99	100	191	4	146	2	10●	10	0·7	0·3		⊠. ●^{0}✻^{0} *a.* Thaw. [↗ *p.*
21	989·5	1000·7	74·8	72·4	77	72	0·7	0·7	6·2	4·7	89	80	34	18	45	12	10●^{0}	10✻	1·5	—		⊠. ≡ early. ↗ 9 h. ✻^{0} after
22	1002·4	1005·1	74·5	73·9	75	72	0·6	0·0	6·1	6·5	90	100	56	13	56	15	10	10●✻	3·3	—		⊠. ●^{0}✻^{0} showers. [17 h.
23	1006·4	1007·1	75·7	77·9	79	74	0·1	0·0	7·2	8·7	98	100	67	11	124	10	10	10≡:	0·6	—		⊠ g. ≡:^{2} after 10 h.
24	1003·4	1010·1	78·3	78·3	*x* 81	77	0·1	0·3	8·8	8·6	98	96	169	8	191	7	10≡^{0}	2	—	—		g. ≡^{0} till 20 h.
25	1011·5	1007·1	79·4	79·7	80	78	1·0	0·3	8·3	9·2	86	95	191	13	191	12	10	10	0·9	—		Fair and mild. ●^{0} 14 h.–16 h.
26	1011·2	1006·8	78·9	80·0	*x* 81	*x* 79	0·2	1·0	8·9	8·6	97	86	191	6	191	9	6	10	—	—		Fair and mild.
27	1010·5	1010·8	79·3	79·4	80	*x* 79	1·0	1·0	8·2	8·3	86	86	202	8	180	9	2	10	—	3·4		Fine.
28	1009·8	1011·8	79·4	80·2	*x* 81	*x* 79	0·8	0·2	8·6	9·8	89	97	259	9	180	5	2	8	5·3	2·7		Fine. ● 16 h.–19 h.
29	1012·5	1013·5	79·3	79·4	80	*x* 79	0·4	0·4	8·9	9·0	94	93	180	6	191	6	9	5	1·4	0·1		● till 8 h., then fine.
30	1017·6	1020·3	79·8	79·4	*x* 81	*x* 79	0·4	0·6	9·3	8·8	95	92	180	7	191	5	8	2	—	1·8		Fine all day. ♔ evening.
31	1020·3	1020·3	78·3	79·4	80	78	0·6	1·0	8·2	8·3	93	86	169	9	169	10	0	9	—	4·0		Fine all day.
Mean	1006·2	1006·1	74·3	74·0	76·3	72·2	0·7	0·5	5·9	6·0	83	85		9·5		9·7	7·3	7·6	86·1	0·73		
Mean Pressure at Station Level.	999·8	999·7																				

ABERDEEN, a.c.e.—JANUARY 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 14·0 m. ; Barometer, H_b = 26·8 m. Heights above Ground :—Therms., h_t = 12·5 m. Rain-gauge, h_r = 0·61 m. Cups of Anemometer, h_a = 21·9 m. Lat. 57° 10′ N. Long. 2° 6′ W. *Time*, Greenwich mean time.

Day.	Pressure 9 h.	Pressure 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. 9 h.	Dep. 21 h.	Vap. 9 h.	Vap. 21 h.	% 9 h.	% 21 h.	Wind 9 h. °	m/s.	Wind 21 h. °	m/s.	Cloud 9 h.	Cloud 21 h.	Rain 0 h. to 24 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
1	1034·4	1025·3	75·5	79·0	80	74	1·5	2·0	5·6	6·9	77	74	337	2	270	7	9	1	0·3	0·1	73	Dull to fair.
2	1029·1	1032·7	76·9	73·1	81	73	1·7	1·1	6·0	4·7	75	77	337	3	337	6	10	10	1·3	0·3	69	Fair to dull. ✻^{0} showers *n.*
3	1034·0	1028·5	72·0	74·0	76	71	0·1	2·0	5·5	4·3	97	66	315	5	247	4	6	10	0·5	0·7	70	✻^{0} showers *a.* c. *p.* ⊠ 10 mm.
4	1024·1	1024·1	78·4	78·1	80	76	1·0	1·3	7·7	7·1	86	81	292	8	247	3	6	5	0·1	2·4	70	Dull to fair. ●^{0} 7 h.
5	1019·6	1011·7	78·1	77·7	81	77	1·6	2·0	6·8	6·2	78	72	225	3	247	6	9≡^{0}	4	—	3·4	74	c. to fair.
6	997·7	984·2	77·0	74·2	79	72	1·2	1·2	6·6	5·2	82	79	225	3	270	3	8≡^{0}	4	1·3	—	72	Fair to dull. ✻^{0}●^{0} *n.* [mm.
7	988·5	988·6	70·0	69·9	73	68	1·2	1·7	2·9	2·3	59	*n* 46	292	9	337	8	1	1	3·3	1·6	67	Fair to dull. ✻ blizzards. ⊠ 40
8	1004·6	1012·2	66·4	67·5	*n* 69	66	0·3	1·3	3·0	1·8	83	48	292	11	292	7	8✻	2	1·7	0·7	64	Fair and q. ✻ blizzards. ⊠ 60
9	1003·6	1003·4	68·9	74·5	77	67	0·5	0·4	3·5	6·3	78	92	202	4	292	3	10✻	6	4·8	0·7	65	Dull. ✻^{0}*a.* ●^{0}*p.* ⊠ 65 mm. [mm.
10	1001·6	1006·4	77·9	72·0	78	70	1·8	0·6	6·5	4·8	75	84	270	7	315	6	7	7	3·2	—	73	c. q. ✻^{0}●^{0} (sleet) *p.* and *n.*
11	1010·5	999·6	70·8	70·4	72	68	1·4	0·6	2·9	3·9	59	77	292	7	225	2	? 9	10	1·4	—	66	Fair to dull. ✻^{0} *n.* ⊠ 40 mm.
12	994·3	994·5	71·5	71·5	73	70	1·1	0·1	3·9	5·3	71	97	292	2	315	8	2	10✻	1·9	5·3	62	Fair to q. ✻^{0} *n.* ⊠ 50 mm.
13	1000·0	1010·7	69·5	67·3	73	67	0·9	1·0	3·2	2·1	67	55	315	4	292	10	7	0	0·2	1·2	62	Fair; q. ✻^{0} showers. ⊠ 50 mm.
14	1013·4	993·6	65·7	71·5	72	*n* 65	1·1	0·1	1·7	5·3	47	97	270	2	180	4	4∞	10	3·3	—	*n* 60	✻blizzard and < *p.* and *n.* ⊠ 50 mm.
15	986·8	998·4	70·7	69·3	74	67	1·4	0·9	3·0	2·9	59	63	292	5	292	4	2	0	0·7	4·0	66	Fair. ✻^{0} showers. ⊠ 80 mm.
16	1000·5	1005·9	69·1	69·9	71	67	1·1	1·6	2·4	2·5	55	50	270	3	247	5	3	0	—	4·0	*n* 60	Fine. ✻^{0} squall *p.* ⊠ 80 mm.
17	1010·4	1007·0	71·3	71·0	73	69	1·3	0·6	3·2	4·2	62	80	247	2	202	3	10∞	? 4∞	—	0·2	64	Dull to fair. ☈☈ *n.* ⊠ 70 mm.
18	997·3	999·4	69·1	72·0	74	69	0·5	1·5	3·5	3·6	77	64	292	3	360	3	10	4	—	—	67	c. ☈ *n.* ⊠ 50 mm.
19	1005·1	995·2	67·0	75·9	77	66	0·6	0·5	2·6	6·9	69	91	315	3	135	8	10∞	10●	6·2	—	65	Dull and q. ✻^{0}● *n.* ⊠ 30 mm.
20	986·7	985·4	76·6	77·1	79	76	0·2	0·2	7·5	7·9	96	97	202	2	—	1	7	10	2·5	—	74	Dull. ≡^{0} *a.* ●^{0}≡^{0} *n.*
21	988·0	996·8	77·2	77·6	78	76	0·4	0·2	7·7	8·2	94	97	247	2	67	5	10●	10≡^{0}●^{0}	6·6	—	74	Dull, with ●^{0}≡^{0}.
22	997·8	1000·5	77·5	77·7	78	77	0·1	0·1	8·2	8·3	98	98	—	1	67	5	10≡	10●	*x* 20·1	—	76	Dull, with ●≡^{0}.
23	1005·8	1009·1	76·5	77·5	79	76	0·1	0·1	7·7	8·2	98	98	—	·1	157	3	*10*≡	*10*≡:	1·2	—	76	Dull, with ●≡:^{2}.
24	1009·7	1014·1	82·0	82·2	*x* 84	79	0·7	1·2	10·4	9·7	91	84	202	4	202	5	10●^{0}	10	1·1	—	77	Dull and q. Clear *n.*
25	1018·4	1014·6	80·1	81·6	83	79	1·1	1·6	8·6	8·8	85	79	180	4	180	5	9	10	—	—	78	Dull and q.
26	1015·8	1012·8	81·1	81·0	*x* 84	*x* 81	0·6	1·2	9·9	8·9	92	84	180	3	180	4	10	8	—	0·8	79	Dull to c. and q.
27	1015·6	1015·5	80·9	80·6	82	80	1·8	1·0	8·2	9·0	77	86	202	4	157	5	3	8	—	4·1	78	Fine to dull and q.
28	1013·2	1016·6	82·3	82·4	83	80	0·9	0·8	10·2	10·5	88	89	180	5	202	5	10	10	—	—	79	Dull to c. and q.
29	1017·1	1018·4	80·3	80·4	83	80	1·3	0·6	8·4	9·4	82	92	202	5	112	2	7	10	—	0·1	78	Fine to dull. ∞^{0} *p.*
30	1021·9	1024·8	81·0	79·4	82	78	0·7	1·3	9·7	7·8	91	82	157	2	202	4	8	2	—	0·4	80	Fair. ♔ (faint) late *n.*
31	1024·8	1025·2	77·2	78·6	80	77	0·6	1·0	7·5	7·8	91	86	202	2	180	4	0	? 5	0·1	3·1	73	♔ (bright) early. Fine to c.
Mean	1008·7	1008·2	74·8	75·3	77·7	72·9	0·9	1·0	6·0	6·2	79	80		3·8		4·8	7·3	6·5	61·8	1·06	70·7	
Mean Pressure at Station Level.	1005·4	1004·9																				

Corresponding Normal Values are referred to thus:—a. Appendix IV., "Weekly Weather Report," 1913; b. Appendix I., "Meteorological Observations at Stations of the Second Order," 1891; c. "Temperature Tables of the British Islands," 1871–1900; d. "Rainfall Tables of the British Islands," Part I., 1866–1880. Part II., 1881–1890; e. "Hourly Values," *Geophysical Section*, 1912.

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FORT WILLIAM, INVERNESS-SHIRE, a.c.—JANUARY 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 52·1 m. ; Barometer, H_b = 11·6 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Lat. 56° 49′ N. Long. 5° 7′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level.		Air Temperature in Degrees Absolute.				Humidity. Depression of Wet.		Humidity. Vapour Pressure.		Humidity. Percentage.		Wind. Veer from North and Force or Speed.		Cloud Amount and Weather.		Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.				
	millibar.		a. 200 +	a. 200 +	a. 200 +	a. 200 +	°	°	millibar.		%	%	° 0–12	° 0–12	Tenths of Sky covered.		mm.	hr.	a. 200 +	
1	1034·9	1030·8	75·2	76·4	77	73	1·1	1·2	6·0	6·4	82	83	45 4	135 2	4	10	0·3	No record.	No record.	Fine ; short sunny intervals.
2	1030·8	1034·2	79·1	75·2	81	74	1·3	2·2	7·7	4·8	82	66	— 0	45 3	10	3	0·3			●⁰ showers.
3	1036·6	1032·8	71·9	74·1	75	71	1·1	0·6	3·9	6·0	69	89	45 2	180 2	10	10✳	2·3			Fine to sunny. ✳ showers n.
4	1027·7	1026·4	79·2	78·6	80	73	1·2	1·7	7·9	7·0	83	78	270 2	90 2	9	1	—			Fair to fine.
5	1021·7	1014·2	79·1	78·0	80	77	1·7	0·8	7·3	7·6	78	88	270 2	270 2	8	6●⁰	0·5			Fair to fine. ●⁰ n.
6	1000·0	986·4	77·4	73·4	79	73	1·0	0·4	7·1	5·8	86	91	270 2	270 3	9	10✳	2·5			Dull and showery. ✳⊠ 21 h.
7	993·9	1003·0	70·2	68·4	74	68	1·1	1·3	3·0	2·0	61	n 47	270 2	45 3	10✳	0	0·5			⊠ 5 cm. ✳. Keen frost.
8	1009·8	1015·6	68·0	67·4	n 69	65	0·6	0·6	3·0	2·8	72	71	315 3	— 0	10✳	0	9·9			⊠ 5 cm. ✳
9	1004·7	1007·8	75·8	78·6	79	66	0·8	1·7	6·4	7·0	87	78	270 5	180 3	10	7	15·0			⊠ 12 cm. Rapid thaw, with ●.
10	1006·8	1005·7	78·6	76·3	80	76	1·1	1·8	7·6	5·8	85	74	270 5	270 3	10●	2	2·5			Unsettled and showery. q.
11	1013·2	999·0	70·2	73·6	76	69	1·1	0·6	3·0	5·6	61	89	— 0	225 1	10	10✳	6·6			✳ after 11 h. ⊠ 21 h.
12	997·6	998·6	73·6	71·8	75	70	1·1	0·4	4·9	4·8	78	86	270 3	315 3	10✳	2	5·1			⊠. ✳. ⊠ 10 cm. at 21 h.
13	1004·4	1015·2	71·9	64·6	74	64	0·6	0·4	4·7	2·3	83	74	45 3	225 2	10	0	—			⊠ 15 cm. ✳↔
14	1008·4	992·9	64·7	69·1	71	n 60	0·9	0·6	1·7	3·4	53	74	— 0	45 1	10	10	6·4			⊠ 15 cm. ✳↔
15	991·2	1000·0	71·6	67·4	74	67	0·8	0·5	4·2	2·9	75	74	— 0	90 1	8	0	—			⊠ 25 cm. ✳⁰; sunny intervals.
16	1002·0	1008·8	63·6	70·9	72	61	0·6	0·2	1·9	4·8	67	92	— 0	225 2	7	6	7·9			⊠ 22 cm. ✳⁰≡. ✳² after 22 h.
17	1007·4	1005·7	73·8	73·6	75	70	0·3	0·3	6·1	6·0	93	93	225 2	— 0	10	10✳	3·3			⊠ 30 cm. ✳● showers ; slow thaw.
18	996·3	998·6	71·8	70·9	74	70	1·0	1·1	4·0	3·4	72	65	45 2	45 2	10	2	—			⊠ 17 cm. ; sunny intervals.
19	999·3	989·5	76·3	75·8	78	70	2·3	0·7	5·2	6·6	67	89	135 5	360 2	10	10●	11·4			⊠ 7 cm. ✳● (sleet). q.
20	985·4	982·4	77·4	77·8	79	75	0·6	0·7	7·6	7·6	92	89	225 2	— 0	10	10●⁰	2·8			Thaw. ●⁰ showers.
21	987·8	993·5	76·4	76·3	79	75	0·2	0·8	7·5	6·8	97	88	— 0	45 3	10●⁰	10	4·3			Showery. ✳ rapidly disappearing.
22	995·9	999·3	76·9	75·2	78	75	1·0	0·6	6·9	6·5	86	91	45 2	45 2	10●	10●⁰	3·3			Dull and showery.
23	1003·4	1003·7	77·6	82·4	83	75	0·7	1·8	7·5	9·1	90	77	— 0	225 3	10	10●⁰	8·1			Dull and showery.
24	1004·7	1013·9	83·0	81·3	x 86	80	0·7	0·6	11·1	10·1	92	93	225 4	225 3	10	9	12·2			"Muggy." ●² at times.
25	1015·6	1012·8	80·4	81·3	83	80	0·3	0·4	9·8	10·3	96	94	225 3	225 3	10●⁰	10●	24·6			Dull, with ● showers. ≡: at times.
26	1013·5	1008·8	81·9	81·2	83	x 81	0·3	0·6	10·9	9·9	97	92	225 3	225 4	10●	10●	19·3			Dull, with ● showers. ≡: at times.
27	1015·2	1011·5	80·8	81·8	82	80	0·8	2·7	9·3	7·6	90	68	225 3	225 3	10	2Ⴎ	7·1			Mild ; fair. Ⴎ 21 h.
28	1012·2	1013·5	80·9	81·9	85	x 81	0·2	0·6	10·4	10·5	98	93	225 2	225 4	10●	10●≡	x 54·9			o., with ●≡⁰≡:. ●² after 23 h.
29	1013·5	1015·9	81·2	81·9	82	80	0·4	0·3	10·2	10·9	94	97	225 4	225 4	10●≡	10	3·8			Dull and showery.
30	1018·9	1020·3	81·8	82·4	83	80	1·0	2·8	9·8	8·0	87	67	225 3	225 3	10	4	2·3			Fair to fine.
31	1019·6	1020·3	81·2	83·9	85	x 81	2·2	3·7	7·8	7·8	73	60	225 3	225 2	9∞	4	—			Dull. ●⁰ showers.
Mean	1008·8	1008·4	75·9	75·9	78·4	72·9	0·9	1·1	6·6	6·5	81	81	2·3	2·3	9·5	6·4	217·2			
Mean Pressure at Station Level.	1007·4	1007·0																		

DOUGLAS, ISLE OF MAN, a.—JANUARY 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 84·5 m. ; Barometer, H_b = 86·6 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Lat. 54° 10′ N. Long. 4° 28′ W. *Time*, Local mean time, 15 m. after Greenwich.

1	1029·4	1031·5	77·4	75·2	79	73	0·9	1·1	7·1	6·1	86	82	67 5	337 1	7	0~	—	1·6	73	⌴ early. c.
2	1030·7	1032·2	79·4	77·4	81	75	0·8	1·1	8·5	7·1	88	84	337 3	45 2	2	10	—	5·9	70	~. Fine.
3	1035·2	1035·5	73·0	71·6	77	70	2·2	0·8	3·4	4·1	57	76	45 2	360 1	0~	0~	—	6·4	70	~. Fine and frosty.
4	1030·8	1028·8	76·3	78·6	79	71	0·2	0·6	7·4	8·5	96	92	315 5	270 1	10	10	0·5	—	67	V. o., with occasional ●⁰.
5	1025·7	1019·3	77·7	77·7	79	77	0·3	0·6	8·1	7·8	96	90	270 1	270 3	10	10	—	—	75	o.
6	1005·4	993·5	76·3	76·9	78	76	0·5	0·6	7·1	7·4	91	92	270 2	270 6	10	10	0·3	0·3	75	o. ✳● (sleet) ▲ after 20 h.
7	994·9	1000·3	72·1	70·8	77	70	0·8	0·6	4·7	4·1	80	80	293 4	360 6	8	0~	4·3	0·3	69	✳▲ a. c.
8	1011·8	1017·6	69·7	69·7	n 71	67	0·3	0·6	4·1	3·7	88	76	360 1	360 2	4~	0~	2·3	2·2	65	⊠~. Fine a. c. ~ p.
9	1013·9	1013·9	76·2	78·2	79	69	1·0	0·8	6·4	7·8	85	90	293 6	293 8	10V	10	1·0	0·3	67	⊠. o. q. /✳▲
10	1014·5	1010·8	78·6	79·1	80	78	1·0	1·1	7·8	7·8	87	84	293 6	293 10	6	7	1·0	1·4	74	c. /
11	1016·2	1005·7	73·6	79·1	80	73	1·2	0·7	5·1	8·5	78	90	360 1	270 10	8	10	1·0	—	72	⌴ a. o., with ● showers. /
12	1002·7	1001·0	75·8	74·1	80	74	1·7	0·5	5·8	6·1	75	89	270 4	315 8	10	7	1·3	2·2	74	c. q. \✳ after 18 h.
13	1006·8	1016·2	73·6	69·4	75	69	0·3	0·3	6·1	4·1	94	88	293 6	23 1	6	0~	4·6	2·2	71	⊠✳▲~ a. ✳
14	1012·7	995·9	71·3	77·1	79	n 64	1·6	0·2	3·0	7·8	n 54	98	135 5	293 1	10~	10	8·9	—	n 62	⊠~. o. q. ✳ 14 h. V 15 h.
15	994·6	997·6	75·5	74·4	77	74	1·1	1·4	6·1	5·1	83	76	293 3	45 2	10	10~	—	—	70	●▲ early. o. V afternoon.
16	1005·4	1012·8	73·0	75·2	76	71	1·8	1·1	3·7	6·1	64	82	270 1	270 2	2~	4~	0·8	6·4	68	▲. Fine till 10 h. and from 16 h.
17	1011·0	1004·7	73·8	74·4	76	73	0·4	0·3	6·1	6·4	91	95	315 1	113 4	10~	10●	16·3	—	71	▲ a. o. ✳● (sleet) noon and from [19 h.
18	990·2	1004·4	77·4	76·1	81	73	0·5	0·9	7·8	6·8	92	87	90 2	45 2	10●	10●	12·7	—	71	● till 14 h., then ● showers.
19	995·9	990·5	76·9	79·7	80	76	0·3	0·6	7·8	9·1	96	92	113 4	157 3	10●	10	14·5	—	75	● till 13 h. ≡ 17 h.
20	989·2	978·3	80·8	79·8	81	79	0·6	0·1	9·8	9·5	93	98	157 2	113 4	8	10●	x 19·1	—	76	o., with ●.
21	990·8	992·9	80·8	80·8	x 82	x 80	0·6	0·6	9·8	9·8	93	93	180 3	180 2	8	8	8·1	3·4	79	Fine to o. ● showers from 15 h.
22	992·5	997·6	79·1	80·2	81	79	0·0	0·3	9·5	9·8	100	96	113 2	113 2	10≡●	10	6·4	—	77	≡ a. o.
23	1004·7	1008·8	79·7	81·3	81	79	0·0	0·0	9·8	10·8	100	100	270 1	225 3	10≡●	10≡●	6·1	—	79	≡●⁰.
24	1014·2	1021·3	81·9	80·8	x 82	x 80	0·5	0·0	10·5	10·5	94	100	203 6	247 1	10	10	1·8	—	80	o., with ≡.
25	1024·4	1022·3	80·2	80·2	81	x 80	0·0	0·3	10·2	9·8	100	96	203 3	203 3	10≡	10●	1·5	—	79	≡ a. o. ● showers p.
26	1021·7	1017·3	80·9	80·8	81	x 80	0·1	0·9	10·5	9·5	98	90	225 3	180 7	10	10	1·0	—	80	o. q.
27	1021·7	1019·6	80·2	80·8	81	x 80	0·0	0·0	10·2	10·5	100	100	225 2	180 3	10	10●	0·5	—	79	o. ≡ 11h. ● after 19 h.
28	1019·6	1021·0	80·8	80·8	81	x 80	0·0	1·0	10·5	9·1	100	87	203 6	180 3	10	10	—	—	80	q. a. o.
29	1020·6	1022·3	80·4	80·8	81	x 80	1·3	1·2	8·5	8·8	83	85	180 3	225 3	10	7	0·5	—	77	o., with ● showers 13 h. and [19 h.
30	1024·7	1024·7	79·9	79·7	x 82	79	0·8	0·9	8·8	8·8	88	88	157 2	157 3	7	4⌓	—	5·8	77	Fine. ⌓ p.
31	1024·4	1024·4	79·7	79·1	x 82	79	1·1	0·7	8·1	8·5	84	90	135 2	135 2	6	0⌓	—	6·5	76	Fine. ⌓ and p.
Mean	1012·1	1011·7	77·2	77·4	79·4	75·1	0·7	0·6	7·4	7·7	88	89	3·1	3·5	8·1	7·3	114·5	1·45	73·5	
Mean Pressure at Station Level.	1001·4	1001·0																		

x denotes the maximum and *n* the minimum value in the column.
Temperatures at or below the normal freezing-point of water are printed in small type.

SHREWSBURY, SHROPSHIRE.—JANUARY 1918.

Heights above Mean Sea Level :—Rain-gauge Site H = 57·9 m. ; Barometer, H_b = 64·7 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Lat. 52° 43′ N. Long. 2° 45′ W. *Time*, Local mean time, 10 m. after Greenwich.

Day.	Air Pressure at Mean Sea Level.		Air Temperature in Degrees Absolute.				Humidity. Dep. of Wet.		Humidity. Vapour Pressure.		Humidity. Percentage.		Wind. Veer from North and Force or Speed.		Cloud Amount and Weather.		Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.				
	millibar.		a. 200 +	a. 200 +	a. 200 +	a. 200 +	°	°	millibar.		%	%	° 0–12	° 0–12	Tenths of Sky covered.		mm.	hr.	a. 200 +	
1	1026·6	1029·8	75·8	76·3	76	75	0·4	0·1	7·0	7·5	93	98	45 3	— 0	10	10	—	No record.	74	Dull and cold.
2	1029·6	1030·7	75·4	74·8	79	71	0·0	0·0	7·3	7·0	100	100	— 0	— 0	6	10	—		70	Fine.
3	1033·4	1035·3	71·0	68·7	77	69	0·4	0·0	4·5	4·4	n 85	100	45 1	— 0	0	0	—		69	Fine day. Clear n.
4	1032·5	1029·1	71·2	76·3	77	68	0·0	0·0	5·4	7·7	100	100	315 2	— 0	5	10	0·5		66	Fine a. Misty. ● afternoon.
5	1026·8	1024·0	76·6	76·1	77	76	0·4	0·3	7·4	7·2	94	95	— 0	270 3	10	10	—		74	Dull.
6	1008·4	996·8	74·6	75·3	78	74	0·5	0·0	6·3	7·2	92	100	293 3	— 0	10	10	—		74	Cold a. Dull.
7	994·8	998·2	72·7	68·0	77	68	0·3	0·0	5·6	4·2	95	100	315 1	— 0	4	0	1·3		70	Cold a. ✳ showers afternoon.
8	1010·2	1016·0	67·6	70·2	n 70	67	0·0	0·0	4·1	4·9	100	100	360 1	315 2	0	0	0·2		66	⊠. Fine. ✳ showers after 16 h.
9	1016·9	1015·7	74·9	78·0	79	n 62	0·0	0·4	7·1	8·1	100	94	270 3	270 4	10✳●	0	1·0		n 62	✳● (sleet) 9 h. ✳⁰ showers.
10	1018·3	1015·1	78·3	79·2	80	77	0·2	0·5	8·6	8·8	97	92	293 4	270 4	7	8	2·1		75	Occasional ●⁰ showers.
11	1016·3	1009·2	75·8	79·6	80	75	0·3	0·8	7·1	8·7	96	90	337 3	225 6	6	5	0·7		74	Unsettled.
12	1003·3	1003·1	77·0	74·1	80	74	0·0	0·7	8·1	5·8	100	86	225 3	293 2	10	0	—		75	Fine from 10 h. Clear n.
13	1008·2	1014·0	74·8	73·0	77	72	0·1	0·0	6·9	6·2	98	100	315 2	— 0	2	3	—		70	Fine, but with cold wind.
14	1016·0	1000·7	69·8	76·4	77	68	0·0	0·0	4·8	7·8	100	100	157 2	180 4	10	7	6·8		68	✳⁰ showers a. and p., then ●.
15	995·6	997·2	75·7	73·7	79	74	0·5	0·0	6·9	6·4	93	100	247 1	180 1	10	10✳	x 14·2		74	Dull. ✳ from 19 h. 30 m.
16	1005·1	1016·4	73·1	70·5	77	70	0·0	0·0	6·2	5·1	100	100	337 2	— 0	10✳	2	2·2		73	⊠ ✳ 9 h.–9 h. 30 m. Fine.
17	1011·9	1005·9	73·0	73·6	77	70	0·0	0·0	6·2	6·4	100	100	157 1	180 2	10✳	10●	6·9		69	⊠. ✳ 9 h.
18	994·4	995·6	78·1	81·2	82	73	0·0	0·0	8·8	10·8	100	100	180 3	180 1	10●	10	6·2		73	● 9 h. ● showers a. o.
19	996·8	994·2	81·9	80·8	83	79	0·0	0·1	11·4	10·4	100	99	203 1	203 1	10	9	1·0		78	Dull and very mild.
20	992·2	984·4	81·3	83·0	84	80	0·1	0·4	10·7	11·5	98	94	180 2	203 7	10	9	2·3		79	Mild a. o., with ●⁰ showers.
21	994·1	995·4	80·7	82·3	84	80	0·1	0·4	10·3	11·0	98	95	203 2	203 2	3	10	1·5		77	Fine.
22	993·6	998·5	82·1	82·2	85	80	0·2	0·0	11·3	11·5	98	100	180 3	— 0	9	10	—		77	c. and mild.
23	1006·5	1013·5	82·3	83·0	84	80	0·8	0·1	10·5	12·1	89	99	180 3	180 3	6	9	0·2		78	Fine.
24	1019·5	1024·5	84·3	83·1	x 86	x 82	0·5	0·1	12·5	12·2	94	99	225 4	225 2	10	10	—		81	o. Fresh breeze.
25	1028·3	1026·9	83·6	81·1	x 86	81	0·9	0·2	11·4	10·5	90	97	225 2	225 2	7	3	—		80	Fine.
26	1025·4	1023·1	82·3	79·7	84	79	0·5	0·2	10·9	9·5	94	98	225 4	225 3	7	10	—		76	c.
27	1024·9	1023·7	81·3	81·6	84	79	0·0	0·3	10·9	10·7	100	96	225 1	225 2	10	4	0·2		77	Dull and mild.
28	1023·7	1024·5	81·9	79·2	83	77	0·3	0·1	10·9	9·3	97	98	203 4	225 3	5	3	—		74	Fine.
29	1024·0	1025·6	78·7	78·9	83	77	0·1	0·1	8·9	9·1	98	97	203 4	203 1	2	0	—		75	Fine.
30	1027·2	1027·6	79·7	77·7	83	76	0·2	0·0	9·5	8·6	98	100	203 3	— 0	9	0	—		72	Fine.
31	1027·0	1027·2	75·8	76·9	84	75	0·2	0·0	7·2	8·1	97	100	203 1	— 0	0	0	—		70	Fine.
Mean	1014·0	1013·6	77·2	77·2	80·5	74·4	0·2	0·2	8·2	8·3	97	98	2·2	1·8	7·0	5·9	47·3		73·2	
Mean Pressure at Station Level.	1005·9	1005·6																		

CAMBRIDGE, a.—JANUARY 1918.

Heights above Mean Sea Level :—Rain-gauge Site H = 12·8 m. ; Barometer, H_b = 13·1 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Lat. 52° 12′ N. Long. 0° 8′ E. *Time*, Greenwich mean time.

	8 h.	20 h.	8 h.	20 h.			8 h.	20 h.	8 h.	20 h.	8 h.	20 h.	8 h.	20 h.	8 h.	20 h.	8 h.			
1	1024·2	1028·2	73·6	75·3	76	72	0·8	0·2	5·4	7·1	84	96	45 4	45 2	10	10	—	0·2	70	o. most of day. Cold wind.
2	1029·1	1028·8	70·5	74·7	77	70	0·0	0·5	5·1	6·4	100	91	270 2	360 2	10≡⌴	0	0·3	—	67	≡⌴ early. c.
3	1032·3	1034·0	72·2	71·2	75	71	0·2	0·2	5·4	5·1	96	95	360 3	360 2	2	0⌴	—	4·0	69	✳ n. Fine. ⌴
4	1031·6	1029·2	69·6	74·2	76	67	0·2	0·1	4·4	6·4	96	98	270 1	270 1	1⌴	10	—	—	64	⌴ early. c.
5	1028·2	1022·7	74·5	75·2	76	74	0·2	0·7	6·4	6·4	96	88	247 1	270 1	10	10	—	—	69	o.
6	1007·1	997·0	75·1	74·8	76	72	1·0	0·0	6·1	7·1	85	100	270 2	270 2	10	10	1·0	—	70	o. ●⁰ 16 h. ● later.
7	994·5	995·5	73·4	69·6	75	70	1·0	0·5	5·1	3·7	80	78	270 2	315 2	9	0⌴	3·3	6·2	69	o. early. Fine 9 h.–15 h.
8	1004·3	1013·1	68·1	66·1	n 72	n 63	0·5	0·3	3·0	3·0	73	84	360 7	315 2	6⊠	0⊠⌴	—	5·8	69	⊠✳ n. Fine. ⌴ n.
9	1020·7	1013·5	66·3	76·8	77	n 63	0·0	1·0	3·7	6·8	100	85	270 3	270 4	8⊠	10⊠	1·0	—	n 62	✳ 9 h. 30 m. till noon. o.
10	1017·8	1014·3	77·2	77·4	80	76	0·9	1·1	7·1	7·1	88	84	247 4	225 4	8	4	1·3	0·4	74	c.
11	1018·3	1011·2	76·0	77·6	79	74	0·6	0·8	6·8	7·4	92	89	360 3	270 4	10●	10	0·3	2·1	74	● early. c. ●⁰ 16 h.–17 h.
12	1003·3	1001·7	75·2	75·3	78	75	1·0	0·8	6·1	6·4	84	87	270 6	315 3	2	5	—	—	73	o.
13	1006·9	1013·5	73·6	72·7	76	71	1·5	0·8	4·7	4·7	n 72	80	270 5	270 1	5⌴	0	—	5·2	70	⌴. Fine.
14	1018·7	1006·6	68·1	75·5	76	68	0·2	0·7	3·7	6·4	89	89	360 2	180 4	7	10●	4·8	0·2	67	✳ a. o. ● 21 h.
15	991·9	998·0	79·7	73·3	81	73	0·5	0·0	9·1	6·4	94	100	270 2	135 1	7	10✳	x 20·1	—	71	● n. o ✳⁰ 16 h. 30 m. and n.
16	998·0	1017·4	73·3	68·6	75	68	0·0	0·0	6·1	4·4	99	100	360 3	— 0	10⊠✳	0⊠Ⴎ	2·3	2·7	72	✳¹ n. and a. Fine noon–15 h. Ⴎ
17	1015·0	1007·7	73·0	74·4	75	68	0·0	0·0	6·1	6·8	100	100	203 1	90 2	10⊠✳	10●⁰	3·0	—	68	≡✳ a. ✳ during day.
18	999·8	999·0	78·0	81·3	82	71	0·1	0·0	8·5	10·8	98	100	157 3	225 1	10⊠	10●	11·9	0·8	75	●⁰ n. Sunny mid-day ● 21 h.
19	1000·7	998·2	82·1	81·5	83	76	0·7	1·3	10·5	9·1	92	84	225 1	180 3	10●⁰	10	0·3	—	79	o. ●⁰ morning and evening.
20	996·3	991·6	81·7	83·0	81	79	1·1	1·5	9·5	9·8	86	82	180 4	225 4	10●⁰	10	0·3	—	74	o. ● showers 15 h. Ⴎ n.
21	996·7	998·6	80·1	80·9	85	79	0·9	0·7	8·8	9·5	88	91	180 2	180 4	8⌓	5⌓	—	3·1	76	c. ⌓ n.
22	996·4	1000·9	81·1	81·9	85	80	0·8	0·2	9·8	11·2	90	97	135 3	135 2	9⌒	10	—	1·0	77	⌒ early. c. ●⁰ p.
23	1008·6	1018·2	80·8	81·3	84	80	0·4	0·0	9·8	10·8	95	99	203 2	225 1	7⌓	10●	1·8	2·5	78	⌓ early. c. ● n.
24	1024·7	1028·4	83·7	82·3	x 87	x 81	0·9	1·4	11·2	9·5	88	81	225 5	180 2	10	10⌓	—	3·2	80	Dull a. Ⴎ evening. o. n.
25	1031·8	1030·3	79·6	83·1	84	79	0·5	1·0	9·1	10·8	94	87	180 2	203 3	3⌓	10	—	2·4	75	c.
26	1029·8	1027·8	81·9	79·8	83	80	0·9	1·0	10·2	8·5	89	85	225 4	180 3	9	1	—	1·3	79	c.
27	1028·8	1027·4	79·2	77·1	84	77	0·6	0·2	8·5	7·8	90	98	180 2	180 1	5⌓	0⌓	—	5·9	73	Fine. ⌓ n.
28	1026·8	1028·0	77·6	76·9	82	75	0·0	0·0	8·5	8·1	100	100	180 3	203 1	10≡⁰●⁰	5⌓	—	3·5	72	≡⁰ a. c. ⌓ n.
29	1028·1	1028·3	72·7	74·7	80	72	0·0	0·0	6·1	6·8	100	100	180 2	180 1	10≡²⌴	0⌓²	—	—	68	≡² early. o.
30	1030·4	1030·2	73·0	76·8	84	72	0·0	0·2	6·1	7·8	100	98	— 0	135 1	10≡²	0⌓	—	5·5	67	≡² early. Fine. ⌓
31	1030·3	1029·7	73·7	73·3	82	71	0·7	0·0	5·8	6·4	87	100	135 1	— 0	10≡²	0≡	—	6·6	67	≡² early. Fine.
Mean	1015·2	1015·1	75·6	76·3	79·6	73·2	0·5	0·5	7·0	7·4	91	92	2·7	2·1	7·9	5·8	51·7	2·00	71·5	
Mean Pressure at Station Level.	1013·6	1013·5																		

x denotes the maximum and *n* the minimum value in the column.

ARMAGH, a.c.d.—JANUARY 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 59·8 m. ; Barometer, $H_b = 61·6$ m. Heights above Ground :—Therms., $h_t = 1·2$ m. Rain-gauge, $h_r = 0·30$ m. Cups of Anemometer, $h_a = 15·2$ m. Lat. 54° 21′ N. Long. 6° 39′ W. *Time*, Local mean time, 25 m. after Greenwich.

Day.	Air Pressure at Mean Sea Level.		Air Temperature in Degrees Absolute.				Humidity. Depression of Wet.		Humidity. Vapour Pressure.		Humidity. Percentage.		Wind. Veer from North and Force or Speed.				Cloud Amount and Weather.		Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.		9 h.	21 h.				
	millibar.		a. 200 +	a. 200 +	a. 200 +	a. 200 +	°	°	millibar.		%	%	°	m/s.	°	m/s.	Tenths of Sky covered.		mm.	hr.	a. 200 +	
1	1032·2	1033·8	75·8	71·9	79	72	0·8	0·3	6·5	5·1	88	91	23	4	—	1	5	2	—	1·2	72	Mostly o.
2	1033·2	1033·8	77·6	77·9	82	72	0·4	0·5	8·0	8·0	95	93	360	2	360	2	6	3	—	2·8	68	c.
3	1036·2	1036·6	73·4	72·4	78	72	1·6	0·8	4·4	4·6	70	77	—	1	—	1	10	0	—	—	68	o.
4	1033·5	1029·8	73·3	77·4	78	70	0·4	0·3	5·8	8·0	92	96	247	3	—	1	10	10	—	—	67	o.
5	1026·1	1019·3	76·8	75·3	78	75	0·5	0·5	7·4	6·6	93	91	247	2	247	3	10	10	—	—	75	o.
6	1005·4	995·2	74·0	75·2	77	74	0·3	0·9	6·2	6·2	94	86	225	3	293	3	9	8	0·4	—	73	o.
7	997·9	1005·1	69·7	70·4	75	67	0·8	0·8	3·2	3·6	n69	71	337	3	337	2	5	10	6·6	3·9	65	Fine till noon. ✻⁰ 13 h.
8	1014·2	1020·6	67·7	66·8	n 71	66	0·2	0·2	3·7	3·2	92	85	—	1	—	1	10	0	4·8	1·4	67	⧆ c.
9	1016·2	1016·6	76·2	77·5	78	66	0·9	0·6	6·6	7·6	87	92	270	4	270	3	10	0	1·6	0·1	69	o.
10	1016·9	1013·5	78·2	78·9	80	77	0·3	0·8	8·5	8·2	96	89	247	3	270	4	8	4	1·1	1·1	75	c.
11	1015·6	1006·1	75·6	78·1	80	75	0·4	0·1	6·9	8·7	94	99	—	1	225	4	10	8	1·0	—	72	o.
12	1003·7	1004·7	74·9	72·8	79	72	1·4	0·6	5·4	5·2	77	85	247	2	293	3	7	0	—	1·5	72	c. ✻⁰ shower.
13	1010·1	1017·3	71·8	67·9	74	68	0·9	0·2	4·3	3·7	75	89	270	2	—	0	5	0	0·2	1·3	67	c.
14	1007·4	995·2	72·2	74·1	76	n 65	0·4	0·0	5·2	6·5	90	99	157	7	225	2	10	10	1·1	—	n 61	✻ 8 h. 30 m.–10 h. o.
15	996·9	998·6	72·4	71·8	75	71	0·5	0·1	5·0	5·4	85	95	247	2	—	1	10	10	—	—	66	o.
16	1006·8	1012·8	72·6	73·1	76	69	0·4	0·4	5·4	5·7	90	92	247	2	225	3	1	2	—	4·4	66	Fine till 14 h. ✻⁰ 15 h. 30 m.
17	1010·5	1003·4	69·3	72·4	73	68	0·1	0·1	4·4	5·6	95	95	—	0	—	1	7	10	18·3	—	66	o.
18	990·8	994·6	72·9	73·5	74	72	0·0	0·0	6·1	6·3	100	100	67	2	67	2	10	10	x 18·8	—	73	⧆. ✻. c.
19	992·9	985·8	75·8	78·7	80	74	0·0	0·1	7·4	9·0	100	99	67	2	157	5	10	10	3·6	—	73	o.
20	984·7	978·0	81·3	79·2	82	79	0·6	0·0	10·1	9·4	93	100	157	4	—	1	10	10	4·0	0·6	77	Mostly o.
21	986·4	988·1	80·7	81·8	82	78	0·4	0·5	9·9	10·5	95	94	180	5	180	5	10	10	3·0	—	78	o.
22	990·8	994·9	79·4	81·3	82	79	0·0	0·5	9·6	10·2	100	95	90	2	135	5	10	8	1·1	0·3	79	o.
23	1003·0	1004·0	80·1	83·8	84	79	0·4	0·3	9·5	12·4	95	96	203	3	180	5	10	10	1·0	—	77	o., with ● showers.
24	1007·4	1018·3	84·1	80·7	x 85	81	0·2	0·4	12·9	9·8	98	95	180	8	203	4	10	5	2·3	—	83	o.
25	1018·3	1016·2	81·8	82·8	84	80	1·0	0·6	9·8	11·2	88	93	180	7	203	8	10	10	1·9	1·4	79	Fine to c.
26	1015·9	1011·2	82·7	82·7	84	82	0·5	0·3	11·3	11·5	94	96	180	5	180	7	10	10	0·5	0·1	82	o.
27	1017·9	1012·8	79·6	83·1	84	79	0·6	0·9	8·9	10·9	91	89	180	5	180	7	10	10	0·7	4·8	78	Fine.
28	1013·9	1015·2	83·5	83·1	x 85	x 83	0·6	0·7	11·8	11·2	93	91	180	6	180	7	10	10	0·1	—	82	o.
29	1014·9	1018·3	82·6	82·9	x 85	82	0·5	0·5	11·1	11·4	94	94	180	6	180	6	10	10	—	1·5	81	c.
30	1020·3	1019·3	81·4	80·3	84	80	0·6	0·6	10·0	9·2	92	91	157	5	157	8	10	0	—	3·0	81	c. and q.
31	1018·6	1018·3	80·7	81·2	84	80	0·8	1·1	9·3	9·2	90	86	135	7	157	8	9	0	—	2·4	79	c.
Mean	1010·9	1010·2	76·7	77·1	79·5	74·5	0·5	0·4	7·5	7·9	90	92	3·5		3·6		8·8	6·5	72·1	1·03	73·3	
Mean Pressure at Station Level.	1003·3	1002·7																				

DUBLIN (PHŒNIX PARK), a.c.—JANUARY 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 47·3 m. ; Barometer, $H_b = 48·5$ m. Heights above Ground :—Therms., $h_t = 1·2$ m. Rain-gauge, $h_r = 0·30$ m. Lat. 53° 22′ N. Long. 6° 21′ W. *Time*, Local mean time, 25 m. after Greenwich.

Day.	Pressure 9 h.	Pressure 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. 9 h.	Dep. 21 h.	Vap. 9 h.	Vap. 21 h.	% 9 h.	% 21 h.	Wind 9 h. °	0–12	Wind 21 h. °	0–12	Cloud 9 h.	Cloud 21 h.	Rain	Sunshine	Min. Temp. on Grass	Remarks
1	1028·8	1034·5	78·0	73·8	80	74	0·8	0·2	7·8	6·1	89	96	45	3	360	1	10	2	—	—	74	o.
2	1032·5	1033·2	79·2	75·6	80	71	0·8	1·0	8·5	6·1	89	84	315	1	—	0	4	3	0·6	—	68	o., with ● showers p.
3	1034·5	1034·5	75·1	74·4	76	73	1·2	0·6	5·8	6·1	82	90	45	1	—	0	9	5	—	4·4	71	Fine.
4	1034·9	1029·4	71·3	75·3	77	70	0·1	0·2	5·1	7·1	97	96	225	3	225	1	4	8	—	—	65	o.
5	1027·7	1018·6	75·8	74·4	77	74	0·5	0·3	6·8	6·4	92	94	225	1	—	0	10	10	—	—	74	o.
6	1006·8	996·6	75·4	76·6	78	74	0·5	0·4	6·8	7·4	93	93	270	2	270	3	10	4	0·3	—	70	o., with showers p.
7	999·3	1004·7	71·2	69·7	77	n 67	1·0	0·4	3·7	4·1	n71	85	315	2	315	3	3	0	—	6·6	67	Fine.
8	1015·2	1021·3	67·9	67·7	n 71	n 67	0·1	0·4	3·7	3·4	92	83	315	1	315	1	2	1	0·4	5·9	64	Fine.
9	1019·3	1020·0	75·2	77·4	77	n 67	0·3	0·6	6·8	7·4	95	91	225	4	225	5	10	10	0·1	0·3	n 62	✻ showers 5 h. c.
10	1020·0	1018·3	76·9	76·6	81	76	0·3	0·7	7·8	7·1	96	91	225	5	225	2	6	10	0·3	3·3	73	c.
11	1016·6	1009·1	77·2	78·8	81	76	0·1	0·6	8·1	8·5	98	92	—	0	270	5	10	10	2·0	—	73	●⁰ showers a. o.
12	1005·7	1007·4	73·8	73·3	79	73	0·2	0·5	6·4	5·8	97	89	225	2	—	0	4	0	—	2·3	70	● early. c.
13	1009·5	*1015·9*	71·6	72·9	75	70	0·3	0·1	5·1	5·8	91	96	—	0	—	0	6	8	—	—	67	o.
14	1008·4	995·9	74·6	76·2	79	69	0·7	0·5	6·1	7·1	89	93	180	3	—	0	10	10	6·0	—	66	o., with ● p.
15	997·6	996·9	73·7	73·5	77	73	0·3	0·4	6·1	5·8	95	91	—	0	—	0	10	10	2·0	—	71	● early. ✻ a. o.
16	1007·4	1014·2	69·6	73·9	75	68	0·3	0·5	4·1	6·1	86	91	225	2	—	0	0	10	—	5·8	64	⧆. ✻. Fine.
17	1010·1	*1000·3*	73·8	76·6	79	72	0·3	0·5	6·1	7·4	94	93	315	1	—	0	10	10●	9·7	—	68	o. ● p.
18	988·1	*992·2*	79·6	80·1	84	75	0·6	0·1	8·8	9·8	92	99	225	2	—	0	10●	10●	x 11·8	0·6	75	o., with ● a. and p.
19	991·2	989·1	80·6	82·2	83	76	0·4	1·4	9·8	9·5	96	82	90	1	—	0	10≡	10	0·5	—	76	●² a. ≡. o. ● showers p.
20	985·1	*976·3*	82·4	82·2	84	80	1·1	1·0	10·2	10·2	85	88	135	3	135	2	9	10●	3·0	—	77	o , with ● showers a. and p.
21	987·5	990·2	81·8	81·9	84	81	0·9	0·6	9·8	10·5	88	91	135	3	135	2	8	10	2·2	0·3	75	● showers a. o.
22	989·5	996·3	81·2	81·1	84	80	0·5	0·8	10·2	9·5	94	90	315	1	—	0	10≡	10	0·3	—	78	● a. ≡ 10 h. o.
23	1004·4	1007·1	80·8	85·0	85	78	0·6	0·9	9·8	12·2	92	88	180	3	225	3	10	10	0·9	0·3	74	o., with ● p.
24	1011·2	1020·6	84·9	81·9	85	x 82	0·8	1·0	12·5	9·8	90	87	225	6	225	5	10	0	0·7	—	82	o., with ●⁰ showers a. and p.
25	1022·0	1019·6	82·9	83·1	85	81	1·6	0·3	9·8	11·9	80	97	225	6	225	6	10	10	0·1	2·4	77	c. ●⁰ showers p.
26	1018·6	*1014·2*	83·3	82·4	85	81	1·5	0·8	10·2	10·5	81	90	180	5	—	0	8	10	0·1	1·3	80	c. ●⁰ showers p.
27	1019·6	1017·6	79·3	82·8	x 87	75	1·1	1·4	8·1	10·2	84	83	225	1	225	6	2	8	—	5·2	70	Fine.
28	1016·2	1016·6	84·4	83·7	86	x 82	1·0	0·7	11·9	11·9	88	92	225	6	225	7	9	4	—	1·5	79	c.
29	1017·6	1020·0	83·3	82·9	86	x 82	0·7	0·8	11·2	10·8	90	90	225	7	—	0	10	4	—	2·0	80	c.
30	1021·7	1021·0	83·0	83·3	85	x 82	1·6	0·9	9·8	11·2	81	89	225	4	180	5	4	7	—	3·5	79	Fine
31	1020·0	1018·9	82·8	82·7	85	81	1·5	1·3	9·8	9·8	82	84	180	6	180	7	6	7	—	4·3	77	Fine.
Mean	1011·8	1011·4	77·8	78·1	80·8	75·2	0·7	0·6	8·0	8·2	89	90	2·7		2·1		7·5	7·1	41·0	1·61	72·5	
Mean Pressure at Station Level.	1005·8	1005·4																				

x denotes the maximum and *n* the minimum value in the column.

METEOROLOGICAL OFFICE, LONDON,
April 13th, 1918.

[Price Sixpence.

DAILY READINGS AT METEOROLOGICAL STATIONS OF THE FIRST AND SECOND ORDERS, 1918.

DEERNESS, ORKNEY, a.b.c.—FEBRUARY 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 48·8 m. ; Barometer, $H_b = 49·7$ m. Heights above Ground :—Therms., $h_t = 1·2$ m. Rain-gauge, $h_r = 0·30$ m. Cups of Anemometer, $h_a = 4·9$ m. Lat. 58° 56′ N. Long. 2° 45′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level.		Air Temperature in Degrees Absolute.				Humidity. Depression of Wet.		Humidity. Vapour Pressure.		Humidity. Percentage.		Wind. Veer from North and Force or Speed.				Cloud Amount and Weather.		Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.		9 h.	21 h.				
	millibar.		a. 200 +	a. 200 +	a. 200 +	a. 200 +	°	°	millibar.		%	%	°	m/s.	°	m/s.	Tenths of Sky covered.		mm.	hr.	a. 200 +	
1	1021·0	1016·6	78·9	78·9	80	x 79	0·9	0·6	8·1	8·5	87	92	169	11	146	11	8	10	0·8	—	No record.	∞ a. Dull, but fair.
2	1015·6	1016·9	78·8	78·4	80	78	0·4	0·1	8·7	8·8	95	99	169	11	180	4	8≡⁰	1	0·4	1·3		●⁰ 7 h.–8 h. ≡≡⁰ till noon.
3	1015·6	1010·1	78·6	78·9	80	x 79	0·1	0·3	8·9	8·8	98	95	157	5	157	9	5≡⁰	10≡⁰	—	—		≡⁰≡ all day.
4	1004·7	1006·8	78·8	78·1	80	78	0·6	0·3	8·5	8·3	92	96	157	10	169	5	8≡⁰	0	—	—		≡⁰, ≡ till noon. ● 12 h.–14 h.
5	1002·4	1004·7	78·3	78·3	80	78	1·0	1·0	7·6	7·6	86	86	191	10	169	9	1	4	—	6·2		o. 7 h. Fine all day.
6	996·3	993·5	78·0	77·3	79	77	0·7	0·4	7·8	7·7	90	94	169	11	270	4	8	0	—	1·5		Fair. o. after 7 h. Fine p.
7	999·3	992·5	77·4	79·4	80	76	0·3	0·3	7·9	9·1	95	95	214	2	169	10	8	10●	2·4	0·7		Fine a. ● after 21 h.
8	991·9	989·1	77·6	77·4	80	77	0·8	0·8	7·4	7·4	88	89	191	9	202	7	1	0	—	5·6		Fine all day.
9	987·8	989·1	76·7	77·2	79	76	1·1	1·1	6·6	6·9	84	84	202	8	202	8	4	6	—	1·2		Fine all day. Ш
10	996·6	1003·4	76·8	76·7	80	76	0·7	0·6	7·2	7·3	90	92	236	8	225	7	7	0	1·4	5·7		Fair to fine. Ш
11	1006·4	1019·3	77·8	76·8	80	76	1·7	0·2	6·6	7·7	77	97	259	14	281	4	2	3	1·6	5·1		T 8 h. ●▲ showers. Ш
12	1021·3	1017·3	77·2	77·2	79	76	1·1	0·3	6·9	7·8	84	95	101	7	113	11	10	10●	4·6	—		Fair, but dull. ● after 15½ h.
13	1022·0	1025·7	77·8	77·0	78	77	0·7	0·4	7·6	7·5	90	93	113	7	146	8	10	10	—	—		Dull, but fair.
14	1024·0	1021·0	78·2	78·9	79	76	0·4	0·6	8·3	8·5	95	92	180	8	180	8	10≡⁰	10	—	—		≡⁰ all day.
15	1016·2	1012·5	79·4	79·0	80	x 79	0·8	0·7	8·5	8·4	88	91	169	12	157	13	9	7	—	2·7		Fair.
16	1005·1	1012·5	79·1	77·8	80	77	0·9	1·7	8·2	6·6	87	77	157	15	259	3	10	10	2·8	—		≡⁰ a. ● 16 h.–20 h.
17	1017·3	1008·8	77·2	78·3	79	76	0·6	0·6	7·5	8·2	92	93	169	9	157	15	6	10●	4·6	4·2		Fair. ● after 20 h.
18	1008·1	1010·1	78·3	77·8	79	78	0·6	0·3	8·2	8·1	93	95	157	13	169	7	10	10●	8·3	—		● till 8 h. ● p.
19	1014·9	1005·1	77·8	77·8	79	77	0·2	0·6	8·3	7·9	96	92	101	6	180	12	10	10●	7·0	—		● most of day.
20	1008·4	1000·3	76·1	77·4	79	76	0·6	1·2	7·0	6·9	91	82	214	6	157	9	1	3	1·6	7·9		Bright and fine.
21	1002·0	989·1	76·1	77·8	79	74	1·8	0·2	5·6	8·2	n74	97	270	8	180	12	4	10●	x 9·8	3·5		c. ● after 17 h.
22	993·2	1001·3	79·3	78·9	82	78	0·4	1·6	8·9	7·3	94	80	247	10	259	15	9●⁰	3	4·5	1·7		●▲ showers. ╱ 14 h.–16 h.
23	1013·5	1014·5	78·8	77·9	x 84	76	0·4	0·6	8·6	7·9	94	92	214	5	259	13	10●	3	7·8	0·7		● 9 h.–12 h. ╱ 14 h.–15 h.
24	1016·9	1020·0	76·7	75·0	78	75	0·3	0·6	7·5	6·4	95	91	—	1	293	6	10●	3	7·0	—		● 7 h.–15 h.
25	1029·8	1018·9	77·3	78·9	79	75	1·2	1·1	6·9	7·8	83	85	259	10	214	10	5	10	1·4	1·9		▲ n. Bright a.; dull p.
26	1004·4	1007·4	78·0	77·2	81	75	1·3	1·1	7·1	6·9	81	84	259	20	281	18	3	5	5·7	2·3		●▲showers. ╱ 7 h.–10 h. and 12 h.–23 h.
27	1012·8	994·6	75·7	75·0	77	74	0·6	0·3	6·7	6·6	91	95	293	8	281	2	6	7	7·3	0·2		●² 15 h.–19 h., then fair. ✻⧆ n.
28	1009·5	1020·3	73·8	74·4	n 75	n 72	1·2	0·9	4·9	5·6	77	83	23	17	11	9	9	3	3·1	3·0		╱ 2 h.–8 h. ✻⧆. Ш
Mean	1009·2	1007·9	77·7	77·6	79·5	76·5	0·8	0·7	7·6	7·7	89	91	9·3		8·9		6·9	6·0	82·1	0·20		
Mean Pressure at Station Level.	1003·1	1001·8																				

ABERDEEN, a.c.e.—FEBRUARY 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 14·0 m. ; Barometer, $H_b = 26·8$ m. Heights above Ground :—Therms., $h_t = 12·5$ m. Rain-gauge, $h_r = 0·61$ m. Cups of Anemometer, $h_a = 21·9$ m. Lat. 57° 10′ N. Long. 2° 6′ W. *Time*, Greenwich mean time.

Day.	Pressure 9 h.	Pressure 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. 9 h.	Dep. 21 h.	Vap. 9 h.	Vap. 21 h.	% 9 h.	% 21 h.	Wind 9 h. °	m/s.	Wind 21 h. °	m/s.	Cloud 9 h.	Cloud 21 h.	Rain 0 h. to 24 h.	Sunshine	Min. Temp. on Grass	Remarks
1	1025·4	1021·1	77·5	78·3	80	77	0·6	0·8	7·7	7·8	91	88	180	3	180	5	2∞	? 5	—	0·2	74	Fair. ⌓ a. ∞⁰ all day.
2	1020·0	1020·3	77·8	79·4	80	78	0·4	0·5	8·1	8·9	94	93	180	2	203	2	10≡⁰	10≡⁰	1·8	—	76	Dull. ●⁰ a. ≡⁰ a., p., and n.
3	1017·6	1013·0	79·9	79·3	82	79	0·4	0·4	9·3	8·9	94	94	180	4	157	4	8≡⁰	10●≡⁰	1·5	0·2	78	Dull to c. ≡⁰●⁰.
4	1008·2	1009·9	78·8	78·5	80	78	0·5	0·6	8·5	8·2	93	91	180	3	180	3	9≡⁰	0≡⁰	1·2	—	77	Dull a. ●⁰≡⁰. Fine n.
5	1007·6	1007·6	78·9	78·3	81	78	1·5	1·4	7·3	7·1	79	80	203	8	180	5	0	1	0·2	5·7	75	Dull. ●⁰ a., to fine p. and n.
6	999·5	996·8	79·0	76·0	81	76	1·2	0·8	7·7	6·6	83	87	157	6	—	1	10	0	—	2·9	76	Dull to fine. q.
7	1001·0	996·2	76·8	80·8	83	75	0·9	0·5	6·9	9·8	86	93	—	1	180	2	8∞	7	0·7	0·1	71	Fine to dull a. ⌴∞⁰. ≡⁰●⁰ n.
8	996·3	994·4	78·6	77·7	81	77	1·5	1·7	7·1	6·5	79	76	203	4	203	5	5	5	—	4·8	72	Fair and q.
9	992·5	994·3	77·9	76·9	79	77	1·3	1·5	7·0	6·3	81	78	225	3	225	4	2	1	—	2·1	76	c. to fine. ∞⁰ p. Ш n. [Ш n.
10	1001·1	1006·6	77·1	77·3	82	75	1·8	1·5	6·0	6·5	74	78	247	5	—	1	0	6	—	3·9	72	Fair to dull. q. ⊕ and parhelia.
11	1013·1	1023·0	77·0	76·2	81	74	1·9	1·4	5·9	6·0	73	79	225	3	—	1	1	0	—	5·7	n 69	Fine ⌴ a. Ш n.
12	1022·8	1016·1	75·9	78·2	79	74	0·3	0·2	7·2	8·5	95	97	—	1	135	2	10≡⁰	10●≡⁰	4·4	—	n 69	Dull. ●⁰≡⁰.
13	1021·4	1027·7	78·1	77·9	79	78	0·1	0·8	8·7	7·6	99	88	67	3	135	2	10●≡⁰	10	2·4	—	78	Dull. ≡⁰●⁰ a.
14	1028·4	1026·4	78·0	78·9	79	78	0·8	0·7	7·6	8·3	88	90	203	2	157	4	10	10	—	0·1	77	Dull to c.
15	1022·6	1018·7	78·7	78·5	80	78	0·9	1·0	8·0	7·8	87	86	180	6	180	7	10	10	0·3	—	78	Dull and q. ●⁰ n.
16	1012·6	1015·9	78·1	77·7	79	78	1·1	0·8	7·4	7·5	84	88	157	8	180	5	10	10●	3·2	—	77	Dull and q. ● n.
17	1020·3	1016·2	77·3	78·0	79	76	0·5	1·1	7·6	7·3	92	84	180	2	157	7	10	10	4·2	0·1	75	● to dull, and q.
18	1013·8	1016·2	77·2	77·1	78	77	0·6	0·9	7·5	7·1	91	87	157	6	180	4	10●	10●⁰	0·6	—	77	Dull. ●⁰. q. a.
19	1017·8	1010·7	77·1	78·0	78	77	0·6	1·1	7·5	7·3	91	84	—	1	180	4	10≡⁰	10≡⁰	1·5	—	76	Dull. ●⁰≡⁰ a. ≡⁰ p. and n.
20	1012·3	1003·2	76·5	77·3	80	76	1·6	1·4	6·0	6·6	77	80	203	2	203	3	2	10	—	4·3	72	Fine to dull. ⊕
21	1006·2	996·2	75·4	79·5	81	74	2·2	1·2	4·9	8·0	67	83	247	7	203	7	0	4	0·2	4·4	72	Fine to dull. ⊕ and parhelia.
22	999·8	1006·9	81·3	83·4	86	79	2·0	4·2	8·2	6·9	75	n55	225	5	270	10	4	0	1·2	6·6	76	●⁰ a. Fair to fine. q.
23	1018·4	1019·6	81·5	84·5	x 88	x 80	2·0	3·1	8·3	8·9	75	66	180	2	225	6	1	5	—	7·5	76	Fine and q.
24	1017·7	1021·0	81·6	75·9	85	76	1·1	1·2	9·5	6·1	85	81	203	6	293	9	10	5	0·9	0·5	78	Dull to c. q. ●⁰ p.
25	1035·3	1026·8	76·4	79·5	80	75	2·2	3·1	5·4	6·0	69	62	270	4	225	6	0	5	0·2	4·5	73	✻⁰ a. Fair to c. ⋓ n.
26	1012·1	1013·0	83·4	78·7	84	78	3·6	3·3	7·5	5·5	60	60	247	11	293	14	1	1	—	8·6	74	Fine. Very q. n. Paraselenæ n.
27	1017·4	997·6	77·3	76·5	80	76	2·2	1·9	5·8	5·7	70	73	270	2	270	5	8	4	0·1	0·2	72	Fair to dull. ∞⁰●⁰ p.
28	1003·2	1018·5	74·5	74·6	n 77	n 73	0·8	0·9	5·8	5·8	86	85	45	19	360	5	10	8	x 7·9	1·7	73	Dull to fair. ╱ 8 h.–9 h. ✻●▲⁰. Ш n.
Mean	1013·0	1011·9	78·1	78·3	80·7	76·6	1·2	1·4	7·3	7·3	83	82	4·6		4·8		6·1	6·0	32·5	2·29	74·6	
Mean Pressure at Station Level.	1009·6	1008·6																				

Corresponding Normal Values are referred to thus:—**a.** Appendix IV., "Weekly Weather Report," 1913; **b.** Appendix I., "Meteorological Observations at Stations of the Second Order," 1891; **c.** "Temperature Tables of the British Islands," 1871–1900; **d.** "Rainfall Tables of the British Islands," Part I., 1866–1880. Part II., 1881–1890; **e.** "Hourly Values," *Geophysical Section*, 1912.

Wt. 15559/478—250—4/18.—N. & Co., Ltd. **Gp. XV.**

FORT WILLIAM, INVERNESS-SHIRE, a.c.—FEBRUARY 1918.

Heights above Mean Sea Level:—Rain-gauge Site, H = 52·1 m.; Barometer, H_b = 11·6 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Lat. 56° 49′ N. Long. 5° 7′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level.		Air Temperature in Degrees Absolute.				Humidity. Depression of Wet.		Vapour Pressure.		Percentage.		Wind. Veer from North and Force or Speed.				Cloud Amount and Weather.		Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.		9 h.	21 h.				
	millibar.		a. 200 +	a. 200 +	a. 200 +	a. 200 +	°	°	millibar.		%	%	°	0–12	°	0–12	Tenths of Sky covered.		mm.	hr.	a. 200 +	
1	1019·6	1014·2	83·6	85·2	x 86	x 82	3·5	3·6	7·8	8·8	n 62	n 62	—	0	225	2	10	9	5·8			Dull, but fair; showery evening.
2	1016·2	1015·9	82·4	82·4	x 86	81	1·4	1·8	9·6	9·1	82	77	225	3	225	2	10	2	2·3			Dull, but fair; sunny intervals.
3	1014·5	1009·1	81·9	82·4	85	81	0·9	1·5	10·0	9·6	89	81	—	0	225	3	10	10●⁰	3·8			Dull. ● showers p.
4	1003·4	1004·7	80·3	81·3	82	78	0·8	2·8	9·0	7·2	89	67	225	2	225	2	10	2	11·4			Showery at first; fine later.
5	1005·4	1004·7	79·9	79·7	83	78	2·4	1·7	6·9	7·5	69	76	225	5	225	4	10	4	3·6			Dull and c. ● showers after 17 h.
6	996·3	996·6	79·3	79·3	80	78	1·3	0·2	7·8	9·2	82	97	225	5	225	1	10●⁰	10●⁰	11·7			Dull and showery.
7	999·3	997·6	79·7	80·8	83	79	0·1	1·0	9·6	9·1	98	87	225	1	225	2	10●⁰≡:	10●⁰	15·7			Showery. ≡⁰ and ≡: on hills.
8	994·6	992·9	79·1	79·1	81	76	1·7	1·7	7·3	7·3	78	78	225	6	225	6	9	10●⁰	25·7			Boisterous. ●²▲² showers. ✻ on hills.
9	992·9	995·2	76·3	77·4	79	75	0·6	0·6	7·1	7·6	91	92	225	3	225	3	8●⁰	7●⁰	17·3			Bleak and showery. ✻ on hills.
10	1003·7	1007·4	79·2	76·3	81	76	1·9	0·6	7·1	7·1	76	91	225	3	270	2	3	10●⁰	8·9			Bleak and showery. ✻ on hills.
11	1015·6	1022·3	78·0	75·8	80	75	1·7	0·9	6·6	6·4	77	86	225	4	—	0	6	10	3·3			Dull, with ●⁰ showers. Generally fair.
12	1018·6	1012·2	77·4	80·2	80	75	0·6	1·1	7·6	8·6	92	85	—	0	—	0	10●	10	2·0			Dull, with ●⁰ showers. Generally fair.
13	1020·3	1025·0	78·4	78·6	82	76	0·7	0·6	8·1	8·3	90	92	45	1	—	0	10	10∞	—			Fair to fine. ∞
14	1025·4	1022·3	80·2	81·8	82	77	1·1	2·7	8·6	7·6	85	68	—	0	225	3	10∞	10	1·0			Fair to fine. ∞
15	1018·9	1013·2	80·2	81·3	82	80	0·9	1·7	8·8	8·6	87	79	225	4	225	5	10	10	7·1			Dull and showery.
16	1006·1	1014·9	80·7	76·3	82	76	1·6	1·1	8·3	6·4	80	83	225	5	—	0	10●	10	16·0	No record.	No record.	Dull and showery.
17	1017·9	1011·5	71·9	78·6	81	n 72	0·2	1·1	5·3	7·6	93	85	—	0	225	4	1⌴	10●	25·9			⌴ early. q. during day. ● 21 h.
18	1008·4	1014·2	79·0	77·3	79	77	0·6	0·4	8·6	7·8	92	94	225	2	—	0	10●	10●	17·0			● all day. ✻ on hills.
19	1015·9	1008·4	74·7	76·9	79	74	0·4	0·6	6·4	7·4	93	92	—	0	225	5	2∞	10●	6·6			Dull and g. ● after 18 h.
20	1011·8	1002·0	76·3	73·9	79	74	1·1	0·3	6·4	6·1	83	93	225	2	225	4	1	10✻	10·2			Fair generally. ✻ after 19 h. ⊠ 21 h. ▲ n.
21	1007·8	995·2	75·6	80·8	81	73	1·4	0·6	5·7	9·7	78	93	270	2	225	5	10●	10●	35·3			Boisterous. ●² afternoon.
22	1002·0	1013·2	84·0	83·0	85	81	2·7	2·9	9·1	8·1	70	67	225	5	270	4	10	10	9·4			⁄ all afternoon. ● showers.
23	1021·0	1023·3	83·0	81·3	83	81	0·7	0·2	11·0	10·6	91	97	270	4	270	3	10●	10●≡:	x 37·6			o., with ● and ≡: all day. [21 h.
24	1017·6	1025·0	80·9	76·3	81	75	0·2	1·7	10·3	5·9	98	75	225	5	270	1	10●	3Ʊ	13·2			q. and ● till 15 h., then fine. Ʊ
25	1037·2	1029·1	74·7	79·1	80	74	1·1	0·7	5·5	8·4	80	90	225	2	225	5	0⌴	10●⁰≡	24·6			Fine till 15 h., then ●≡. Stormy n.
26	1017·3	1022·0	80·2	76·9	83	77	1·7	1·5	7·8	6·3	77	79	270	5	225	4	8●⁰	6●⁰	3·3			Boisterous. q., with ●² showers.
27	1017·6	1004·4	78·0	75·6	79	75	1·8	0·9	6·4	6·3	75	86	225	2	225	2	8	10●	15·0			Showery. ✻ on hills.
28	1008·1	1021·0	73·6	74·7	n 77	n 72	1·5	1·7	4·6	5·0	72	72	45	7	45	5	10✻	7	—			N.E. ⁄ all day. ✻ showers. ⊠
Mean	1011·9	1011·3	78·9	79·0	81·5	76·7	1·2	1·3	7·8	7·8	83	83	2·8		2·8		8·1	8·6	333·7			
Mean Pressure at Station Level.	1010·4	1009·8																				

DOUGLAS, ISLE OF MAN, a.—FEBRUARY 1918.

Heights above Mean Sea Level:—Rain-gauge Site, H = 84·5 m.; Barometer, H_b = 86·6 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Lat. 54° 10′ N. Long. 4° 28′ W. *Time*, Local mean time, 15 m. after Greenwich.

1	1023·3	1019·6	78·6	79·3	n 80	79	0·6	0·7	8·5	8·5	92	90	113	2	113	2	8	6	7·6	0·4	76	⌓ a. c.
2	1020·6	1019·6	80·8	80·2	82	79	0·0	0·0	10·5	10·2	100	100	180	2	113	1	10≡	10	1·5	—	78	o., with ≡. ●⁰ at times.
3	1017·3	1013·9	80·8	80·8	82	80	0·4	0·3	9·8	10·2	95	97	180	2	180	2	10	10	1·0	—	80	o.
4	1008·1	1009·8	81·3	81·1	83	80	0·2	0·9	10·5	9·5	97	89	225	3	180	3	6	6	1·5	4·1	79	Fine till 14 h., then c.
5	1012·2	1010·5	80·2	80·2	82	79	1·1	0·8	8·5	8·8	85	89	203	2	203	3	4	7	2·3	5·0	76	● showers early. Fine.
6	1004·4	999·3	79·1	81·3	81	79	0·5	0·0	8·8	10·8	92	100	270	4	247	5	10●	10●	10·2	—	77	o. q. ● from 16 h. ≡ 18 h.
7	1003·0	1004·4	82·7	80·8	84	x 81	0·3	0·9	11·5	9·5	96	90	247	5	247	4	10	8	0·8	—	79	o., with occasional ● showers.
8	1002·0	1002·0	80·2	80·2	82	79	0·8	1·4	9·1	8·1	89	82	247	5	247	6	7	6	—	5·6	77	Fine. q.
9	1000·7	1004·0	79·8	79·7	82	79	1·4	1·4	8·1	7·8	81	81	225	3	247	6	10	7	10·4	0·1	76	o. ● 10 h.–15 h. < 20 h. ⁄
10	1013·2	1012·2	80·8	81·6	82	78	1·1	0·3	9·1	10·8	86	96	247	2	247	8	10	10●	11·9	—	76	o. ● showers after 11 h.
11	1020·6	1024·4	80·2	79·1	82	79	0·5	0·0	9·5	9·5	92	100	293	2	90	1	7	10●≡	3·3	—	78	● a o. ●⁰ after 17 h. ≡ 20 h.
12	1021·7	1013·2	80·8	81·9	82	79	0·0	0·3	10·5	10·8	100	97	180	2	225	3	10≡	10●	11·9	—	79	≡● showers.
13	1017·9	1025·7	80·9	81·1	83	x 81	0·1	0·9	10·5	9·5	98	89	315	2	90	1	8	10	—	1·0	80	● showers a. c. to o.
14	1028·1	1027·7	79·4	79·7	81	79	0·6	0·6	8·8	9·1	91	92	135	2	157	1	8	10	—	0·3	76	⌓ a. o. most of day.
15	1026·1	1020·6	79·9	80·2	n 80	80	1·1	0·8	8·5	8·8	85	89	180	3	180	3	10	10	—	—	79	o.
16	1017·6	1017·6	79·7	78·2	n 80	78	1·1	0·5	8·1	8·1	84	94	180	4	203	4	10	10●	10·4	—	79	o. q. ● after 14 h.
17	1021·3	1019·3	78·3	79·1	n 80	77	0·3	0·5	8·5	8·8	96	92	203	2	180	3	10	10	7·6	1·2	77	● early. o. to c.
18	1014·5	1015·6	77·4	77·7	n 80	77	0·4	0·3	7·8	8·1	94	96	180	4	135	3	10●	10●	x 19·1	—	77	o., with ●.
19	1018·3	1014·9	76·6	79·1	n 80	76	0·1	1·4	7·8	7·8	98	81	113	2	203	2	10≡	10	3·6	—	76	o., with ≡●.
20	1015·6	1009·1	78·8	78·0	n 80	77	0·4	1·1	8·8	7·4	94	84	270	1	270	5	10	2	4·8	—	76	o. ● showers 14 h.–20 h.
21	1016·6	1010·5	77·7	80·8	81	75	1·4	0·6	6·8	9·8	80	93	270	8	247	10	7	10●	1·5	3·0	73	⌴ a. c. ● showers after 20 h. [⁄
22	1013·9	1022·0	83·6	83·6	x 85	80	0·9	0·6	11·5	11·9	90	93	270	7	270	6	8	10	—	0·7	77	c. q.
23	1029·1	1030·5	84·1	81·3	x 85	x 81	1·5	0·8	10·8	9·8	82	90	270	6	225	3	4	8	0·5	2·7	81	Fine, but q. a., then c.
24	1025·0	1028·1	81·3	76·9	84	77	0·6	1·4	9·8	6·4	92	81	225	3	315	3	8	2	3·6	0·3	79	o. most of day. ● 16 h.–19 h.
25	1041·0	1039·6	78·6	79·4	81	76	2·3	1·6	6·4	7·4	72	78	337	2	270	4	3	10	—	6·8	74	⌴ a. Very fine. o. after 19 h.
26	1028·8	1027·4	80·8	80·2	84	79	0·6	2·2	9·8	7·8	93	84	225	8	293	6	10	4	4·1	2·0	75	⁄. c. q. ● showers afternoon.
27	1023·3	1009·5	79·1	76·9	n 80	77	1·1	2·1	7·8	5·8	84	72	270	2	293	10	10	8●▲	4·8	0·5	75	o. most of day. q. ⁄▲
28	1002·7	1015·2	73·0	74·7	n 80	n 72	0·0	2·0	6·1	4·7	100	n 69	337	8	360	10	10●	0⌴	7·6	1·4	n 72	⁄. ✻▲⌴ a. o.
Mean	1017·4	1016·7	79·8	79·7	81·7	78·3	0·7	0·9	9·0	8·8	91	89	3·5		4·2		8·5	8·0	130·0	1·25	77·0	
Mean Pressure at Station Level.	1006·7	1006·0																				

x denotes the maximum and n the minimum value in the column.
Temperatures at or below the normal freezing-point of water are printed in small type.

SHREWSBURY, SHROPSHIRE.—FEBRUARY 1918.

Heights above Mean Sea Level:—Rain-gauge Site H = 57·9 m.; Barometer, H_b = 64·7 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Lat. 52° 43′ N. Long. 2° 45′ W. *Time*, Local mean time, 10 m. after Greenwich.

Day.	Air Pressure at Mean Sea Level.		Air Temperature in Degrees Absolute.				Humidity. Dep. of Wet.		Vapour Pressure.		Percentage.		Wind. Veer from North and Force or Speed.				Cloud Amount and Weather.		Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.		9 h.	21 h.				
	millibar.		a. 200 +	a. 200 +	a. 200 +	a. 200 +	°	°	millibar.		%	%	°	0–12	°	0–12	Tenths of Sky covered.		mm.	hr.	a. 200 +	
1	1026·8	1023·8	75·2	76·9	80	74	0·0	0·0	7·2	8·1	100	100	157	1	—	0	7	0	0·7		70	g. to fair.
2	1022·9	1022·0	78·9	82·4	83	76	0·0	0·1	9·2	11·5	100	98	203	1	203	2	10	10	1·1		72	Dull.
3	1019·7	1015·7	81·2	81·3	83	80	0·3	0·1	10·4	10·8	96	99	203	1	203	3	10	0	0·9		77	Dull, with ●⁰ showers 12 h.–14 h.
4	1010·8	1013·5	81·9	81·3	x 87	79	0·2	0·3	11·0	10·5	98	96	203	6	203	4	8	0	1·2		75	●⁰ showers till 10 h., then fine.
5	1014·5	1014·2	79·6	78·0	84	77	0·0	0·0	9·7	8·7	100	100	—	0	—	0	5	0	—		75	Fine and mild.
6	1010·1	1004·8	81·3	83·1	84	77	0·5	0·3	10·1	11·9	93	97	225	3	225	4	6	10●	2·9		73	Occasional ●⁰ showers.
7	1007·4	1007·6	84·1	84·1	85	82	0·2	0·4	12·9	12·5	98	95	225	4	225	2	10	10●	1·1		81	o.
8	1006·8	1007·2	80·7	79·7	84	79	0·3	0·5	10·1	9·1	97	94	225	3	247	2	3	0	5·1		76	Bright a. Occasional ●⁰ showers.
9	1005·5	1007·6	81·4	82·6	85	79	0·0	0·0	11·0	11·9	100	100	225	3	225	6	10●	4●	x 10·9		76	●. < 19 h. 30 m.–20 h. 30 m.
10	1016·3	1019·1	82·8	83·6	85	81	0·2	1·0	11·7	11·1	97	n 87	225	4	225	6	10	8	1·6		78	Fine a. ●⁰ showers during day.
11	1021·4	1025·2	83·9	83·6	86	x 83	0·1	0·2	12·7	12·4	99	98	225	5	247	2	7	7	—		80	Fine and mild.
12	1024·7	1016·6	81·9	82·0	84	81	0·3	0·0	10·8	11·5	96	100	225	3	225	3	10	9	1·2		79	Fine. ● showers evening.
13	1017·2	1023·3	81·8	81·4	85	81	0·4	0·0	10·7	11·0	95	100	225	1	270	1	10	10	—		80	Fine.
14	1028·4	1029·1	78·4	79·7	82	78	0·0	0·0	9·0	9·8	100	100	293	1	293	1	10	10	—		79	Dull and o.
15	1029·4	1024·7	78·6	79·7	80	78	0·6	0·2	8·3	9·5	92	98	157	2	157	3	10	10	—	No record.	78	Dull and o.
16	1019·2	1019·8	76·5	74·7	80	74	0·2	0·6	7·6	6·2	98	90	157	5	157	1	10	3	—		75	Dull and cold a. Fine from 11 h.
17	1024·0	1023·3	73·2	73·9	79	n 70	0·3	0·1	5·9	6·4	94	96	157	1	157	1	3	0	—		n 68	Fine and bright.
18	1018·6	1016·9	73·6	73·7	n 77	72	0·3	0·0	6·0	6·4	94	100	157	1	—	0	7	3	—		69	Fine.
19	1019·1	1018·3	73·2	75·3	78	72	0·1	0·0	6·1	7·2	98	100	157	1	157	1	10	10	0·3		69	Fine, but colder.
20	1017·0	1011·0	80·1	79·1	84	75	0·2	0·5	9·8	8·7	97	92	203	2	293	3	10	10	1·3		72	●⁰ showers.
21	1019·6	1018·4	76·4	79·8	82	74	0·5	0·1	7·1	9·7	92	99	293	3	225	5	3	10	0·3		70	Bright a. Cold breeze all day.
22	1017·1	1022·4	83·9	84·4	x 87	79	0·5	0·6	12·2	12·5	95	93	270	7	225	3	5	7	—		74	Fine and mild.
23	1032·5	1033·5	83·7	82·3	x 87	81	0·3	0·8	12·3	10·5	96	89	270	3	—	0	10	10	—		81	Fine and mild.
24	1028·5	1023·0	82·8	82·4	85	81	0·6	0·5	11·2	10·9	93	93	225	5	225	4	7	10	4·0		80	Fine early. ●⁰ showers.
25	1038·6	1042·8	77·6	76·3	82	75	0·5	0·2	7·7	7·4	92	96	337	2	337	3	2	4	—		73	Fine.
26	1035·7	1028·0	80·2	81·9	84	76	0·3	1·0	9·7	9·9	95	88	247	5	270	6	8	5	—		76	c. and windy.
27	1025·8	1011·0	82·6	79·8	83	79	0·6	0·4	10·9	9·3	93	96	270	2	270	5	8	9	2·0		76	Fine. ●⁰ showers after 18 h.
28	1001·7	1008·2	73·6	75·8	80	73	0·0	0·7	6·4	6·6	100	89	315	4	360	5	10✻	10	2·0		72	✻ 8 h. ✻ showers during day.
Mean	1020·0	1018·9	79·6	79·9	82·9	77·3	0·3	0·3	9·6	9·7	96	96	2·8		2·7		7·8	6·4	36·6		75·1	
Mean Pressure at Station Level.	1011·9	1011·0																				

CAMBRIDGE, a.—FEBRUARY 1918.

Heights above Mean Sea Level:—Rain-gauge Site H = 12·8 m.; Barometer, H_b = 13·1 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Lat. 52° 12′ N. Long. 0° 8′ E. *Time*, Greenwich mean time.

	8 h.	20 h.	8 h.	20 h.			8 h.	20 h.	8 h.	20 h.	8 h.	20 h.	8 h.		20 h.		8 h.	20 h.	8 h.			
1	1030·7	1029·4	71·9	74·4	n 77	72	0·0	0·0	5·8	6·8	100	100	135	3	135	3	10≡	0⌓	—	2·2	67	≡ early. o. to c. ⌓ n.
2	1027·7	1026·5	74·7	80·3	80	73	0·0	0·2	6·8	9·8	100	97	135	3	135	2	10⌓	10	1·5	—	69	o., with ●⁰ afternoon.
3	1023·7	1019·3	78·7	78·7	82	77	0·4	0·6	8·5	8·5	94	92	135	1	135	2	10●	0⌓	0·5	—	74	● early. o.
4	1017·8	1017·8	80·3	81·2	82	78	0·6	0·4	9·1	10·2	91	94	180	3	180	2	8	10⌓	0·3	—	74	⌓ early. o.
5	1017·5	1017·1	80·2	81·3	85	80	0·4	0·5	9·5	10·2	94	94	180	2	180	2	6⌓	10	—	1·7	76	o. 9 h.–11 h. and from 13 h.
6	1015·8	1010·1	78·4	82·3	84	77	0·4	1·5	8·5	9·5	94	80	203	3	225	6	0⌓	10●	3·0	3·3	72	Sunny intervals till noon. ● n.
7	1008·8	1010·8	83·6	83·8	86	81	0·6	1·1	11·9	11·2	93	87	203	5	203	3	10	10	1·8	—	75	o.
8	1008·9	1011·2	81·6	80·2	85	80	0·3	1·1	10·8	8·5	97	85	270	2	225	4	10●	0	1·0	5·0	80	● early, then fine.
9	1009·3	1010·4	81·5	83·3	85	79	1·4	1·0	9·1	10·8	82	89	225	6	225	7	5	8●⁰	—	3·9	75	Fine till 13 h., then o. < 19 h.
10	1017·8	1021·5	84·1	83·2	86	82	1·9	1·3	10·2	10·5	n 77	84	247	6	247	4	10	5	—	0·9	78	o. most of day.
11	1022·7	1026·9	83·0	83·8	86	81	1·6	0·1	9·8	12·9	81	98	225	6	270	4	10	8	—	0·3	77	o. most of day.
12	1027·1	1021·6	82·2	80·5	84	81	0·6	0·3	10·8	9·8	93	96	225	3	225	3	9	10●²	3·8	—	80	o. most of day. ●² showers n.
13	1016·5	1022·4	81·1	80·7	84	80	0·2	0·3	10·5	10·2	98	96	270	2	360	2	9	10	0·3	—	79	Dull and g. ●⁰ afternoon.
14	1027·7	1031·3	78·9	77·6	81	77	0·0	0·3	9·1	8·1	100	96	90	3	90	1	10≡⁰	10⌓	—	—	77	o.
15	1032·2	1030·6	77·4	74·2	79	74	0·8	0·5	7·4	6·1	88	89	90	2	135	3	8⌓	5	—	5·1	75	Fine, but cool.
16	1025·9	1022·4	73·0	73·4	78	73	1·0	1·1	4·7	4·7	n 77	n 77	135	3	180	3	5	0⌓	—	8·3	69	Cool wind. Sun 8 h.–16 h. 30 m.
17	1025·3	1026·6	69·1	70·4	n 77	68	0·1	0·2	4·4	4·7	94	94	135	2	—	0	0⌴	0⌴	—	7·3	66	Beautiful day. Ʊ⌴ n.
18	1024·4	1019·5	67·6	72·9	79	n 67	0·2	1·0	3·7	4·7	92	n 77	135	1	135	1	0⌴	0⌴	—	6·1	n 65	Fine till 16 h. ∞. ⌴ n.
19	1021·2	1020·4	67·4	69·1	80	n 67	0·0	0·2	3·7	4·1	97	92	135	1	225	1	0≡⁰⌴	0⌴	—	4·4	n 65	≡⌴ early. Fine till 15 h.
20	1019·5	1011·0	76·3	80·4	81	69	0·1	0·2	7·4	10·2	98	98	225	2	225	4	10●	10●	2·5	—	n 65	● early. o. ●⁰ occasionally.
21	1020·5	1021·0	79·7	78·3	83	74	1·6	1·0	7·8	7·8	78	87	270	2	225	3	3	10Ʊ	—	5·0	69	Fine. Cool wind. Ʊ n.
22	1017·9	1024·1	83·4	83·7	86	78	1·1	0·9	10·8	11·5	87	89	225	5	225	3	9	10	—	0·1	74	o.
23	1031·6	1034·1	83·8	83·7	x 88	x 83	1·2	1·5	10·8	10·5	85	82	270	3	270	1	5	10	—	1·6	80	c. and mild.
24	1030·2	1025·0	82·3	79·3	85	79	1·8	0·6	9·1	8·8	78	92	225	2	270	3	10	0⌓	x 4·6	0·6	79	o. most of day. ⌓ n.
25	1036·2	1042·4	75·8	72·0	81	72	0·9	0·0	6·4	5·8	87	100	360	4	225	1	0	0⌴	—	7·2	73	Beautiful day, with cool wind.
26	1037·7	1028·1	74·7	81·9	85	71	0·3	0·8	6·4	10·2	95	90	225	3	225	4	9⌴	10	—	2·6	68	⌴ early. c. ⌓ p.
27	1026·2	1012·4	77·9	79·7	83	75	1·2	0·6	7·1	9·1	83	92	225	2	225	2	0⌓	5	—	3·3	70	Fine till 11 h., then o. Cool wind.
28	1001·4	1003·3	74·2	74·9	80	74	0·5	1·2	6·1	5·8	89	80	270	3	360	2	0⌴	7	1·3	4·7	70	Fine. ✻⁰ 16 h. 30 m.
Mean	1022·6	1021·3	77·9	78·8	82·6	75·8	0·7	0·7	8·1	8·6	90	90	3·0		2·7		6·3	6·0	20·6	2·64	72·9	
Mean Pressure at Station Level.	1020·6	1019·7																				

x denotes the maximum and n the minimum value in the column.

ARMAGH, a.c.d.—FEBRUARY 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 59·8 m. ; Barometer, H_b = 61·6 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Cups of Anemometer, h_a = 15·2 m. Lat. 54° 21′ N. Long. 6° 39′ W. *Time*, Local mean time, 25 m. after Greenwich.

Day.	Air Pressure at Mean Sea Level.		Air Temperature in Degrees Absolute.				Humidity.						Wind.				Cloud Amount and Weather.		Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
							Depression of Wet.		Vapour Pressure.		Percentage.		Veer from North and Force or Speed.									
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.		9 h.	21 h.				
	millibar.		a. 200 +	a. 200 +	a. 200 +	a. 200 +	°	°	millibar.		%	%	°	m/s.	°	m/s.	Tenths of Sky covered.		mm.	hr.	a. 200 +	
1	1016·6	1013·2	81·1	81·3	82	80	1·2	0·7	9·1	9·8	86	91	157	11	157	8	7	10	1·4	0·3	79	o. most of day.
2	1016·2	1015·6	81·8	81·8	85	81	0·5	0·1	10·5	11·1	93	99	180	5	157	3	8	10	—	2·3	80	c.
3	1012·2	1008·8	81·2	81·8	84	81	0·2	0·9	10·5	10·0	97	89	157	6	180	7	10	8	1·2	0·8	80	o. most of day.
4	1004·7	1002·7	80·7	81·2	84	80	0·4	0·5	9·8	10·2	95	94	225	4	203	8	0	10●	4·3	6·7	79	Fine.
5	1008·4	1006·1	77·9	77·3	82	77	0·8	0·5	7·6	7·6	89	92	180	7	203	5	1	0	5·0	5·9	76	Fine. ● shower 15 h. 30 m.
6	1001·3	1000·3	79·3	78·7	81	77	0·6	0·0	8·8	9·1	92	100	225	6	—	0	6	8≡	5·1	0·8	76	● from 14 h. ≡
7	1001·7	1002·0	84·1	80·0	85	79	0·7	0·7	12·1	9·0	93	90	225	5	225	5	10	0	0·6	—	78	o.
8	998·6	998·3	79·1	79·3	81	77	1·2	0·8	7·9	8·4	85	88	203	5	225	7	2	4●	5·0	5·6	77	Fine. <
9	996·6	1002·7	78·5	77·9	80	77	0·6	0·5	8·3	8·0	93	92	203	5	225	6	10	0	10·0	0·7	76	● till noon.
10	1010·8	1011·5	79·8	81·3	84	77	1·0	0·0	8·5	10·9	86	100	225	5	270	3	10	10	9·2	—	76	o., with ●.
11	1020·6	1021·3	79·2	82·4	82	77	0·2	0·0	9·1	11·7	97	99	247	2	—	1	10	10	1·4	—	76	o., ● evening.
12	1016·9	1011·8	81·4	82·4	84	81	0·3	0·0	10·5	11·7	96	100	180	7	225	5	10	10	8·2	—	80	o.
13	1020·0	1025·0	81·0	81·4	83	81	0·3	0·3	10·3	10·5	96	96	337	2	—	0	9	10	0·1	—	80	o.
14	1026·1	1024·4	81·0	80·9	83	81	0·3	0·6	10·3	9·7	96	93	157	2	180	6	10	10	—	—	80	o.
15	1021·3	1014·9	80·7	81·3	83	80	0·6	0·8	9·6	9·8	93	91	203	6	203	6	10	10	2·7	0·4	80	o.
16	1007·8	1016·9	80·2	75·9	81	76	0·4	0·1	9·5	7·4	95	99	180	8	—	0	10	1	4·8	—	79	o.
17	1019·3	1014·2	74·6	79·0	81	72	0·3	0·6	6·5	8·6	95	92	—	1	203	6	6	10	3·0	1·1	n68	c.
18	1007·8	1013·5	79·7	78·7	81	79	0·1	0·1	9·7	9·0	98	99	180	9	360	4	10	10	x11·2	—	79	●².
19	1017·6	1012·2	76·7	78·5	79	77	0·1	0·4	7·7	8·5	97	95	—	0	203	5	10	10	0·4	3·2	74	c.
20	1014·5	1009·8	76·5	75·7	80	76	0·2	1·1	7·5	6·2	97	84	—	1	247	5	5	0	3·9	0·2	75	o. ● showers evening.
21	1014·9	1006·8	75·7	81·7	82	74	0·8	0·4	6·4	10·6	88	95	225	4	225	8	2	10	5·6	1·5	72	c. ● evening.
22	1013·2	1021·3	83·8	84·3	x86	81	0·6	0·7	11·9	12·1	92	90	247	6	270	5	10	10	0·8	0·7	81	o. most of day.
23	1028·8	1029·1	83·1	81·9	85	x82	0·6	0·5	11·4	10·5	93	93	225	5	225	5	8	10	—	0·1	81	o.
24	1022·7	1029·1	82·3	74·7	84	75	0·7	0·1	10·6	6·8	92	98	225	6	—	1	8	1	4·3	0·4	81	o., with ●² 15 h.–16 h.
25	1042·0	1036·9	75·5	79·3	82	74	0·7	1·3	6·4	7·8	89	81	—	1	225	7	1	7	0·1	5·4	69	Fine.
26	1026·4	1029·1	82·0	78·4	84	78	0·2	0·7	11·2	8·0	98	89	225	8	270	3	10	5	2·2	4·0	78	● *a.* Fine afternoon.
27	1023·7	1013·5	78·0	76·1	81	76	0·3	0·4	8·2	7·2	95	94	225	2	293	4	10	10	5·0	0·3	76	o. most of day.
28	1008·4	1020·0	73·8	74·2	n76	n71	1·3	0·8	4·9	5·8	n76	85	360	5	360	3	10	0	—	—	71	o. ✱⊠
Mean	1015·0	1014·6	79·6	79·6	82·3	77·7	0·5	0·5	9·1	9·1	93	93		4·8		4·5	7·6	6·9	95·5	1·43	77·0	
Mean Pressure at Station Level.	1007·4	1007·1																				

DUBLIN (PHŒNIX PARK), a.c.—FEBRUARY 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 47·3 m. ; Barometer, H_b = 48·5 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Lat. 53° 22′ N. Long. 6° 21′ W. *Time*, Local mean time, 25 m. after Greenwich.

Day.	Air Pressure at Mean Sea Level.		Air Temperature in Degrees Absolute.				Humidity.						Wind.				Cloud Amount and Weather.		Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.		9 h.	21 h.				
													°	0–12	°	0–12						
1	1017·9	1015·9	81·7	82·4	85	80	1·1	0·8	9·5	10·5	86	89	180	6	180	4	8	7	0·1	2·3	78	c. ●⁰ showers *p.*
2	1017·6	1017·3	84·2	83·3	85	81	1·7	1·4	10·5	10·2	80	82	180	5	—	0	9	0	0·1	0·3	77	o. most of day.
3	1013·9	1011·8	81·8	81·2	85	80	0·5	1·1	10·5	9·5	94	87	135	6	225	1	6	9	0·6	1·1	75	c.
4	1007·4	1005·1	82·3	81·2	85	80	0·6	1·1	10·8	9·5	93	87	225	2	225	6	0	7	0·4	7·3	74	Beautiful day. ●² showers *p.*
5	1010·5	1008·4	80·1	80·5	84	78	0·4	0·4	9·5	9·8	94	95	225	3	225	7	1	10●	6·1	6·6	74	Fine till 15 h. ▲ 16 h. ●² [showers.
6	1004·7	1001·3	81·1	82·6	85	77	0·4	0·3	10·2	11·5	95	97	225	6	225	5	10	10●	2·5	—	74	o., with ●⁰ *a.* and *p.*
7	1004·0	1002·7	84·5	82·2	x86	78	0·4	0·7	12·9	10·5	94	91	225	4	225	5	10	10●	0·3	—	75	o., with ●⁰ showers *a.* and *p.*
8	1001·3	999·6	80·7	81·6	83	79	0·5	1·5	9·8	9·1	94	82	225	6	225	7	4	4	2·3	7·0	76	Fine.
9	999·0	1006·1	80·2	80·1	85	79	0·7	0·4	9·1	9·5	92	95	180	4	225	5	10●	10	4·2	0·2	76	o., with ●⁰ *a.* and *p.*
10	1014·2	1013·2	79·4	83·3	x86	78	0·3	0·4	9·1	11·9	95	95	225	1	225	7	10●	6	x7·4	1·0	75	●⁰ *a.* o. ●² showers *p.*
11	1022·0	1022·7	80·7	84·1	85	80	0·1	0·7	10·2	11·9	98	92	225	1	225	2	9	10	0·5	—	79	●⁰ *a.* o. ● showers *p.*
12	1018·6	1014·5	82·9	82·5	x86	81	0·5	0·8	11·2	10·5	93	89	225	4	270	5	10	10	1·9	0·8	79	o., with ● showers *a.* and *p.*
13	1020·3	1025·4	81·8	81·3	84	81	0·4	0·5	10·5	10·2	95	94	270	3	—	0	10	10	—	0·1	79	●⁰ *a.* o.
14	1027·1	1026·4	80·7	81·6	83	80	0·4	0·8	9·8	9·8	95	90	—	0	—	0	10≡	10	—	—	77	o. ≡ 13 h.
15	1023·7	1017·9	81·8	81·4	84	80	2·3	1·4	8·1	8·8	n72	82	225	4	225	6	8	8	—	0·8	78	c.
16	1010·5	1016·9	81·2	77·7	82	77	1·6	1·4	8·8	6·8	81	80	180	5	—	0	10	9	6·2	—	78	o., with ●² *a.* and *p.*
17	1020·3	1016·6	81·9	81·7	82	76	0·7	0·5	10·2	10·5	91	93	180	2	180	4	10	10●	0·4	0·5	73	o. ● showers *p.*
18	1010·1	1013·2	81·2	78·9	82	76	2·3	0·5	7·8	8·8	73	93	180	6	180	2	10	10●	6·9	—	75	● showers *a.* o. ●² *p.*
19	1017·3	1015·2	77·5	78·9	n81	76	0·3	0·6	8·1	8·5	95	91	270	1	225	1	10	10	0·2	1·6	74	● *a.* c.
20	1015·9	1011·8	79·3	76·8	n81	76	0·5	1·1	8·8	6·8	92	84	—	0	180	4	10	5	4·6	—	73	●² *a.* o. ● *p.*
21	1018·3	1010·8	77·3	82·9	84	74	1·6	1·4	6·4	10·2	77	83	225	4	225	7	6	10●	1·7	1·6	71	c. to o.
22	1016·2	1023·7	84·6	84·6	85	77	1·5	1·2	11·2	11·5	82	86	225	6	225	7	10	10●	0·2	0·1	75	o., with ● showers *a.* and *p.*
23	1031·8	1031·1	83·5	82·8	85	x82	1·1	2·1	10·8	9·1	87	74	225	3	225	2	10	10	—	—	80	o.
24	1025·7	*1027·4*	82·7	75·2	x86	75	1·9	1·1	9·1	5·8	77	81	225	3	—	0	10	0	2·4	1·9	79	c. ●² showers 17 h.
25	1042·6	1039·3	76·4	81·7	82	n72	1·1	1·6	6·4	8·8	83	81	270	1	225	6	0	4	—	7·4	n69	Beautiful day.
26	1030·1	1030·5	82·4	79·9	x86	80	1·7	1·2	9·1	8·5	80	84	225	7	225	2	10	10	0·1	1·1	79	●⁰ *a.* c.
27	1025·0	1014·5	80·1	79·4	82	78	1·6	1·3	8·1	7·8	79	81	225	1	—	0	10	4	2·5	1·1	75	c. ●² showers *p.*
28	1008·4	*1016·9*	72·8	75·1	n81	n72	0·4	1·5	5·4	5·4	91	77	315	4	45	4	10✱	3	0·4	—	n69	✱ 3 h.–6 h. o.
Mean	1016·9	1016·3	80·9	80·9	83·9	78·0	1·0	1·0	9·3	9·3	88	87		3·5		3·5	8·6	7·7	52·0	1·54	75·6	
Mean Pressure at Station Level.	1010·9	1010·2																				

x denotes the maximum and *n* the minimum value in the column.

METEOROLOGICAL OFFICE, LONDON,
April 23rd, 1918.

[*Price Sixpence.*

DAILY READINGS AT METEOROLOGICAL STATIONS OF THE FIRST AND SECOND ORDERS, 1918.

DEERNESS, ORKNEY, a.b.c.—MARCH 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 48·8 m. ; Barometer, H_b = 49·7 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Cups of Anemometer, h_a = 4·9 m. Lat. 58° 56′ N. Long. 2° 45′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level.		Air Temperature in Degrees Absolute.				Humidity.						Wind.				Cloud Amount and Weather.		Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
							Depression of Wet.		Vapour Pressure.		Percentage.		Veer from North and Force or Speed.									
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.		9 h.	21 h.				
	millibar.		a. 200 +	a. 200 +	a. 200 +	a. 200 +	°	°	millibar.		%	%	°	m/s.	°	m/s.	Tenths of Sky covered.		mm.	hr.	a. 200 +	
1	1022·7	1022·3	74·7	75·4	n76	n74	0·3	0·7	6·5	6·5	94	90	337	4	247	3	6	10	—	1·6	No record.	Fair *a.* Dull *p.*
2	1024·7	1026·7	76·2	75·9	79	n74	0·7	0·6	6·9	6·9	90	91	225	2	180	5	4	0	—	8·7		Bright all day. Ш⁰.
3	1027·4	1024·4	75·0	75·2	n76	n74	1·4	0·1	5·4	7·1	n76	98	146	8	135	7	8	10●	2·6	3·2		Dull. ● after 21 h.
4	1020·3	1021·7	76·6	77·2	78	75	0·3	0·6	7·4	7·5	95	92	169	7	169	7	10	10	—	—		Dull and g.
5	1027·1	1031·1	77·3	77·2	78	77	0·2	0·2	8·0	8·0	97	97	—	1	101	7	10	10≡	—	—		Dull. ≡⁰. ≡ after 19 h.
6	1034·5	1032·2	77·9	77·1	79	77	0·4	0·4	8·0	7·6	94	94	113	6	101	5	10	0	—	—		Dull till 20 h.
7	1029·4	1030·5	78·3	76·8	79	76	1·0	0·8	7·6	7·1	86	89	124	13	124	11	1	3	—	7·1		Fair to fine.
8	1027·1	1021·3	76·4	75·6	77	75	1·0	1·2	6·6	6·1	85	82	135	12	135	11	10	3	—	0·1		Fair, but dull.
9	1016·9	1012·2	76·3	77·6	79	n74	0·7	0·6	6·9	7·7	89	92	169	10	157	13	1	8	1·1	6·9		▲ showers early.
10	1008·1	1015·2	78·6	75·9	80	76	0·1	0·3	8·9	7·1	98	94	214	6	214	4	10●	1	—	6·2		●⁰ *a.* Fine after 8 h. Ш
11	1009·1	1003·0	78·6	79·7	81	76	0·6	0·1	8·3	9·6	92	98	157	10	180	8	7	5	—	1·4		Fair to fine. ≡⁰ after 17 h.
12	1011·2	1020·3	80·1	77·1	82	77	1·1	0·4	8·6	7·6	85	94	225	6	225	5	5	0	—	7·8		⊕ 9 h. Fine and bright.
13	1024·7	1027·4	78·3	80·0	81	76	0·1	0·3	8·8	9·6	98	96	203	5	—	1	10●⁰	10≡⁰	—	—		●⁰ *a.* ≡⁰ evening.
14	1025·4	1026·4	79·9	78·3	81	79	0·4	0·7	9·2	8·1	94	91	157	6	146	3	6	4≡⁰	—	7·3		Fine all day.
15	1025·7	1024·4	77·8	76·6	79	76	0·7	1·7	7·6	6·0	90	n76	135	8	135	11	10●⁰	10	—	—		●⁰ *a.* ≡⁰ most of day.
16	1022·3	1018·9	76·1	76·6	77	76	1·7	1·0	5·8	6·6	n76	86	124	8	101	5	10	10	4·7	—		Dull all day. [Ⓣ 21 h.
17	1017·3	1017·6	77·8	77·2	80	75	1·1	0·9	7·2	7·1	85	87	135	2	157	9	3	4	—	9·4		● *n.* Bright after 8 h. Fine.
18	1013·2	1011·5	78·3	78·2	80	77	1·1	0·7	7·5	7·9	85	90	146	11	259	2	9	0	—	1·4		∞ *a.* ≡⁰ *p.* ≡ *n.* [15 h.
19	1009·5	1010·1	79·2	79·4	80	76	0·3	0·7	9·0	8·7	96	90	90	4	259	2	6≡⁰	9	—	2·5		≡ till 9 h., then ≡⁰. ≡ 13 h.–
20	1015·6	1017·9	79·4	80·8	82	79	0·8	1·3	8·5	8·7	88	83	203	3	203	4	10	10	—	—		∞ *a.* ≡⁰●⁰ 12 h., then fair.
21	1020·0	1019·6	81·1	81·3	83	79	0·6	0·2	9·9	10·6	93	97	180	5	191	5	10	10●	x14·2	—		● after 11 h., till midt.
22	1019·3	1019·6	83·9	81·7	x85	x81	1·7	1·1	10·4	9·6	80	86	214	5	191	4	9	6	0·7	—		Fair to fine.
23	1019·3	1024·4	81·9	78·8	84	79	0·7	0·8	10·3	8·1	92	89	259	11	247	4	6	4	—	1·5		●⁰ showers ; bright intervals.
24	1022·3	1021·0	80·6	78·2	82	78	0·6	0·8	9·6	7·8	93	89	270	6	304	8	10	1	—	0·7		Dull. ●⁰ *p.*
25	1023·0	1023·7	76·7	75·7	78	75	1·1	1·2	6·6	6·1	84	81	326	9	326	5	8	9	0·8	2·5		Dull. ●⁰▲ showers.
26	1020·6	1014·5	76·9	77·8	79	75	1·2	1·6	6·7	6·7	83	78	270	2	214	2	9	10	1·8	1·2		Fair to fine.
27	1003·4	994·6	77·9	78·3	83	76	0·3	0·4	8·1	8·3	96	94	191	6	191	6	10	10●⁰	6·1	2·6		●⁰ *a.* ● 15 h.–19 h., then d.
28	990·2	994·6	77·2	74·3	79	n74	0·6	0·4	7·5	6·2	92	93	45	14	11	15	10●	10●✱	13·0	—		●² after 6 h. ⁄ 11 h. Wet ✱
29	1001·0	1000·0	74·0	76·1	n76	n74	1·2	1·7	5·1	5·8	78	n76	23	7	135	6	10	10	—	—		Dull. Snow on hills. [after 16 h.
30	992·2	990·2	77·8	77·8	79	76	0·7	0·6	7·6	7·9	90	92	169	7	135	10	10	10●	6·0	—		●⁰ *a.*, and after 20 h.
31	989·5	991·5	78·4	78·4	79	78	0·1	0·4	8·8	8·3	99	94	135	10	113	7	10≡●⁰	10≡⁰	0·4	—		● *n.* ≡ till 16 h., then ≡⁰.
Mean	1016·5	1016·4	78·0	77·6	79·7	76·3	0·7	0·7	7·8	7·6	89	90		6·9		6·3	8·0	6·7	51·4	2·33		
Mean Pressure at Station Level.	1010·3	1010·2																				

ABERDEEN, a.c.e.—MARCH 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 14·0 m. ; Barometer, H_b = 26·8 m. Heights above Ground :—Therms., h_t = 12·5 m. Rain-gauge, h_r = 0·61 m. Cups of Anemometer, h_a = 21·9 m. Lat. 57° 10′ N. Long. 2° 6′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level.		Air Temperature in Degrees Absolute.				Humidity.						Wind.				Cloud Amount and Weather.		Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.		9 h.	21 h.	0 h. to 24 h.			
1	1023·2	1024·3	74·3	74·4	n76	n73	1·3	1·2	5·1	5·3	77	79	337	3	293	2	2	10	0·6	4·6	71	Fair. ✱⁰ showers.
2	1026·9	1028·1	73·8	75·5	77	n73	0·9	1·6	5·3	5·5	83	76	—	0	113	3	10∞	5	—	—	71	Dull to fine. ⌓ 20 h. Ш 21 h.
3	1027·5	1023·9	74·4	75·2	n76	n73	1·3	1·3	5·2	5·7	77	79	113	4	—	1	10	10	0·3	2·1	71	Dull to c. ✱⁰ showers.
4	1022·5	1023·0	74·8	77·1	78	74	0·3	1·1	6·5	6·9	94	84	—	0	180	3	10≡⁰●⁰	10	1·0	—	73	Dull and g. ≡⁰●⁰.
5	1026·4	1029·4	77·3	77·0	77	76	0·9	0·3	7·2	7·7	87	95	90	4	90	7	10	10●≡⁰	1·7	—	76	Dull. ≡⁰●⁰.
6	1033·3	1030·9	77·8	77·1	78	76	0·9	1·2	7·5	6·7	87	82	90	5	90	9	10	10	0·1	—	76	Dull and gusty.
7	1029·5	1030·2	77·9	76·7	79	76	1·6	1·7	6·7	6·0	77	75	135	9	135	7	8	9	—	5·0	73	Fine to dull and q.
8	1027·6	1020·6	76·5	74·0	77	74	2·5	0·8	5·2	5·6	66	85	135	7	135	7	10	4	0·9	—	74	Dull. △⁰✱⁰ squalls to fair.
9	1020·7	1017·1	76·1	77·0	78	74	1·1	1·0	6·3	6·9	83	85	180	4	157	5	9	5	0·2	2·8	72	c. to fine ; gusty.
10	1011·8	1018·1	79·3	76·9	82	76	1·2	2·0	7·9	5·8	83	72	203	4	—	1	10	8	0·3	5·1	75	Dull and q., with ●⁰ to fine.
11	1012·1	1007·3	78·5	81·0	82	75	0·4	1·1	8·5	9·1	94	85	180	3	180	3	10≡⁰	2	0·5	0·1	70	Dull to fair ; ≡⁰●⁰. [h.
12	1013·8	1023·4	80·7	78·5	84	77	2·1	1·9	7·7	6·8	73	75	—	1	—	1	8≡⁰	0	—	2·7	78	c. to fine ; ▲⁰●⁰ shower. Ш 23
13	1028·6	1029·1	77·9	79·8	83	74	1·8	1·4	6·5	8·0	75	81	—	1	—	1	1∞	1∞	—	5·0	n69	Fine. ⌴∞⁰.
14	1027·0	1026·4	76·1	78·1	82	n73	0·7	0·9	6·8	7·7	89	87	—	1	157	3	0∞	8	—	2·8	70	Fine to fair ; ⌴∞⁰, then ≡⁰.
15	1026·4	1024·4	77·4	76·4	78	76	0·9	2·0	7·2	5·5	87	71	135	5	135	6	10●⁰	10	—	—	76	Dull all day.
16	1021·4	1017·4	76·6	75·8	77	75	1·7	0·8	5·9	6·5	75	87	113	5	—	1	10	10	0·6	—	76	Dull ; ●⁰▲⁰ showers.
17	1019·0	1019·7	76·5	77·6	79	75	1·1	1·0	6·5	7·2	83	85	—	1	157	3	10	9	—	2·3	73	Dull to fair.
18	1015·2	1012·4	78·0	78·7	81	77	0·7	0·8	7·8	8·0	90	88	180	3	—	1	10≡⁰	4	—	0·2	74	Dull to fair. ≡⁰.
19	1010·0	1011·8	77·8	79·8	83	n73	1·3	0·9	6·9	8·6	81	87	—	1	—	1	1∞	5	—	2·6	n69	⌴∞ to fair. ⓉⓉ *n.*
20	1019·0	1021·5	79·9	81·6	86	77	1·0	2·1	8·5	8·2	86	74	225	3	225	2	10●	5	1·0	1·0	71	Dull, with ∞⁰ to fair.
21	1023·6	1023·5	85·0	84·1	85	79	1·9	1·9	10·8	10·1	78	77	180	3	203	5	8∞	10	—	0·8	75	Dull to c. ∞⌒
22	1023·3	1023·3	83·9	83·9	x90	x81	3·1	2·3	8·4	9·4	n65	73	247	2	203	3	2	1	—	7·5	79	Fair to fine, unusually warm.
23	1022·4	1026·3	83·5	80·6	89	79	2·1	1·4	9·5	8·4	75	81	203	4	—	1	2	0	—	9·0	75	Fair to fine. ⌓∞⁰.
24	1023·6	1022·6	82·3	79·6	84	78	1·6	1·5	9·3	7·8	80	80	—	1	315	4	5	4	0·2	3·3	74	Fair to dull. v.
25	1023·6	1024·7	78·3	75·3	79	75	2·0	1·2	6·5	5·8	73	81	337	6	337	3	8	4	0·4	2·8	75	Fair to c. ●⁰ showers.
26	1022·0	1016·0	77·7	78·5	80	75	1·5	1·9	6·8	6·8	79	75	293	3	180	2	9	10	—	1·2	73	c. to dull. Ⓣ 22 h.
27	1006·2	997·1	78·9	80·3	84	77	0·9	0·9	8·1	9·0	87	88	203	3	203	2	10≡⁰	4	3·5	0·4	75	Dull to fair. ≡⁰●⁰.
28	989·9	990·5	78·2	76·7	82	76	1·6	0·5	6·9	7·3	78	92	203	4	45	4	2	10	3·3	8·3	74	Dull, with ●⁰ to fine.
29	998·9	1000·8	75·3	76·0	78	74	0·5	0·6	6·6	6·8	91	90	360	4	—	0	10●	10	x13·9	1·1	74	Dull and q. ●² and ✱● (sleet).
30	995·1	989·9	79·0	78·4	80	76	1·6	0·4	7·2	8·4	78	94	157	5	135	6	7	10●	9·1	1·2	71	c. to dull and q. ●
31	988·1	989·9	78·4	78·3	79	78	0·1	0·0	8·8	8·9	99	100	135	5	113	2	10≡⁰●⁰	10≡⁰●	3·0	—	78	≡² all day ; ●⁰ at times.
Mean	1018·0	1017·5	78·1	78·1	80·8	75·7	1·3	1·3	7·2	7·3	82	83		3·4		3·2	7·5	6·7	40·6	2·32	73·6	
Mean Pressure at Station Level.	1014·7	1014·2																				

Corresponding Normal Values are referred to thus :—a. Appendix IV., "Weekly Weather Report," 1913 ; b. Appendix I., "Meteorological Observations at Stations of the Second Order," 1891 ; c. "Temperature Tables of the British Islands," 1871–1900 ; d. "Rainfall Tables of the British Islands," Part I., 1866–1880. Part II., 1881–1890 ; e. "Hourly Values," *Geophysical Section*, 1912.

Wt. 15559/478—250—5/18.—N. & Co., Ltd. Gp. XV.

Fort William, Inverness-shire, a.c.—March 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 52·1 m. ; Barometer, H_b = 11·6 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Lat. 56° 49′ N. Long. 5° 7′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level.		Air Temperature in Degrees Absolute.				Humidity. Depression of Wet.		Humidity. Vapour Pressure.		Humidity. Percentage.		Wind. Veer from North and Force or Speed.				Cloud Amount and Weather.		Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.		9 h.	21 h.				
	millibar.		a. 200 +	a. 200 +	a. 200 +	a. 200 +	°	°	millibar.		%	%	°	0–12	°	0–12	Tenths of Sky covered.		mm.	hr.	a. 200 +	
1	1024·7	1024·7	73·0	70·2	77	70	1·0	1·0	4·7	3·1	77	64	—	0	—	0	7	0♛	—	No record.	No record.	⊠. Fine. ♛ 21 h.
2	1026·7	1026·1	68·0	73·6	79	n 67	0·6	0·6	2·9	5·6	70	88	—	0	—	0	0	0	—			⊠. Keen frost; sunny.
3	1025·4	1022·3	72·2	74·1	n 76	70	1·5	2·8	3·7	3·7	63	n 55	—	0	180	1	1	0	—			⊠. Fine, clear, and sunny.
4	1021·3	1022·3	69·1	73·7	79	n 67	0·6	0·7	3·4	5·5	74	86	—	0	225	1	1	0	—			Fine, clear, and sunny.
5	1024·7	1026·4	72·9	76·3	79	72	1·1	0·9	4·7	6·6	76	86	45	2	45	4	5	6	—			Fine, clear, and sunny.
6	1029·4	1027·1	78·7	77·4	83	76	2·3	1·4	6·4	6·7	71	80	135	1	45	4	5∞	1	—			Fine, clear, and sunny.
7	1024·4	1024·7	77·9	78·0	81	76	2·7	2·8	5·6	5·5	65	64	90	4	135	3	4	1	—			Fine, clear, and sunny.
8	1022·3	1017·3	78·0	74·8	79	75	3·5	0·9	4·9	6·0	57	85	135	4	—	0	0	10	—			Generally fine.
9	1016·9	1011·8	77·9	81·1	82	74	2·6	2·6	5·7	7·4	65	69	225	3	225	4	10	10	10·9			Bright ♛ 1 h.–2 h. Dull and g. ●⁰ showers [evening.
10	1012·2	1016·9	78·0	76·7	82	76	0·9	1·4	7·5	6·3	87	79	225	2	—	0	4	4	0·3			Fine and sunny.
11	1008·8	1004·7	80·8	80·0	85	76	1·2	0·3	8·9	9·5	85	95	225	2	225	3	10●⁰	10●	x 11·9			Dull and showery. ● evening.
12	1014·9	1023·7	79·5	77·7	84	77	1·0	1·3	8·3	6·9	86	81	225	2	180	2	8	3	0·3			Generally fine and sunny.
13	1028·4	1028·8	79·7	79·7	81	76	1·1	0·7	8·2	8·8	84	90	225	2	—	0	10∞	10∞	—			Sunny intervals. ∞
14	1026·1	1023·3	73·6	80·0	85	72	0·4	1·9	5·9	7·5	92	75	—	0	—	0	0⌴	10∞	—			⌴ 9 h. Very fine and sunny.
15	1022·0	1020·3	78·6	75·8	83	76	2·8	1·7	5·9	5·5	66	74	360	2	180	2	0	1	—			Very fine, clear, and sunny.
16	1018·9	1016·6	77·4	75·9	78	74	2·8	1·2	5·3	6·1	63	81	135	3	—	0	8	10	—			Fair to fine, but dull.
17	1017·3	1015·2	76·8	81·3	82	75	1·9	3·3	5·8	6·6	73	61	—	0	135	2	10	10∞	—			c. early. Fine 11 h.–15 h., then [dull.
18	1011·2	1012·2	81·4	78·6	84	79	2·4	0·6	7·7	8·3	71	92	225	3	225	1	10∞	10	0·5			Dull, with ∞●⁰ showers.
19	1007·1	1013·9	78·0	80·8	82	74	1·1	1·1	7·3	9·0	85	86	—	0	225	2	10	10	8·1			Dull, with ∞●⁰ showers.
20	1018·6	1021·7	81·2	81·3	84	78	0·4	0·6	10·2	10·1	94	93	225	2	225	3	10●≡	10●⁰	3·8			Dull and showery. ≡ e.
21	1023·3	1023·7	81·9	83·6	84	x 81	0·9	1·1	9·9	10·9	88	86	270	4	225	3	10●⁰	10	2·8			Dull and showery.
22	1025·0	1022·7	81·3	82·3	x 87	80	2·1	1·9	8·1	8·8	75	76	225	2	225	3	7	0	2·3			Fine, and generally sunny.
23	1024·7	1026·1	81·0	81·3	83	x 81	0·2	0·6	10·4	10·1	97	93	225	3	225	2	10●⁰≡⁰	9Ⴎ	0·5			●⁰≡⁰ at first. ●⁰ showers. Ⴎ [21 h.
24	1024·4	1023·7	79·6	81·3	83	77	0·5	1·2	9·0	9·2	93	85	—	0	—	0	10∞	10∞	—			Fair to fine. ∞
25	1025·4	1025·4	78·0	75·2	84	75	1·2	1·6	7·1	5·4	83	76	—	0	180	1	2	0	—			Fine and sunny. ∞
26	1022·0	1015·9	78·4	78·0	82	73	1·5	1·7	7·1	6·6	80	77	225	1	180	2	8	10	4·3			Fair to fine. ✻⁰ on hills.
27	1006·1	995·6	80·2	78·9	81	77	0·6	0·9	9·3	8·0	92	86	225	3	—	0	10●⁰≡:	10	9·9			Dull and showery; clearing after [17 h.
28	988·1	992·9	77·7	77·4	84	75	0·8	1·6	7·5	6·5	89	78	—	0	45	5	7	7●⁰	0·8			✻ on hills. ●⁰ showers. [on hills.
29	1001·3	999·0	76·3	78·0	80	75	2·2	1·7	5·4	6·6	69	77	45	4	225	2	9	4	—			Fair to fine.
30	991·5	988·1	78·6	78·5	80	76	0·6	0·6	8·2	8·3	91	93	—	0	—	0	10≡:●⁰	10●	4·8			Dull, with ●⁰ showers. ≡⁰≡:
31	986·8	988·5	78·3	79·2	80	76	0·8	0·7	7·8	8·5	88	89	45	3	90	3	10	10∞	—			Dull and c. ≡⁰ on hills.
Mean	1016·8	1016·2	77·5	78·1	81·7	75·0	1·4	1·3	6·9	7·2	79	81	1·7		1·7		6·6	6·3	61·2			
Mean Pressure at Station Level.	1015·4	1014·8																				

Douglas, Isle of Man, a.—March 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 84·5 m. ; Barometer, H_b = 86·6 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Lat. 54° 10′ N. Long. 4° 28′ W. *Time*, Local mean time, 20 m. after Greenwich.

1	1022·0	1024·0	74·7	74·1	78	n 73	0·6	1·7	6·1	4·7	90	n 71	23	5	45	1	2	0⌴	—	7·9	70	~. Very fine. ⌴
2	1025·7	1025·0	76·3	74·7	78	n 73	1·9	1·7	5·8	5·1	72	72	90	2	90	3	6	4⌴	—	8·5	70	~. Very fine. ⌴
3	1023·0	1021·3	74·1	74·7	n 76	n 73	1·1	1·7	5·4	5·1	79	72	90	5	113	1	6	0~	—	3·5	71	q. a. c. ✻~ p.
4	1022·0	1021·7	75·5	75·8	77	74	0·5	0·6	6·8	6·8	92	91	67	1	45	1	10	10	--	—	n 69	o.
5	1021·3	1022·3	78·2	78·0	79	76	0·8	0·6	7·8	8·1	90	92	90	2	90	4	10	8	—	0·9	73	⌴ a. c. ●⁰ noon. q.
6	1024·0	1023·0	78·6	77·4	81	76	1·2	1·1	7·8	7·1	85	84	67	4	90	4	8	10	—	7·4	74	Fine but q.
7	1021·3	1022·0	77·4	77·4	78	75	0·7	1·1	7·4	7·1	90	84	113	6	113	8	10	10	—	0·1	74	o. q. ⫽ p.
8	1022·0	1017·3	75·1	75·8	77	75	1·0	0·6	6·1	6·8	84	91	113	5	113	2	10	10	—	—	74	o. q.
9	1020·6	1017·3	78·3	80·2	81	75	0·9	0·5	7·8	9·5	88	92	157	2	157	2	8	10	3·3	4·7	74	Fine till 14 h., then c. to o.
10	1016·9	1017·6	79·7	79·1	81	x 79	0·0	0·0	9·8	9·5	100	100	247	3	90	1	10●≡⁰	10●	3·8	—	76	● early. o., with ≡⁰●.
11	1014·9	1010·5	80·2	80·2	81	x 79	0·0	0·0	10·2	10·2	100	100	180	3	180	4	10●≡	10●	1·8	—	77	o., with ≡. ●⁰ showers.
12	1016·9	1026·1	78·8	76·9	83	77	0·4	0·6	8·8	7·4	94	92	270	1	315	1	8	0⌴	—	5·0	75	c. till noon, then fine. ⌴ p.
13	1030·8	1028·8	81·3	79·1	83	74	1·9	2·2	8·1	6·8	76	n 71	360	1	90	2	6	3⌴	—	9·5	71	⌴ and p. Very fine.
14	1026·4	1022·7	79·1	77·7	81	76	1·3	1·6	7·8	6·4	82	77	90	2	90	1	4	0⌴	—	4·8	73	⌴ a. Fine to c.
15	1021·0	1018·6	78·2	75·2	79	75	1·1	1·1	7·4	6·1	84	82	90	4	113	6	8	10	—	5·8	72	⌴ a. c., with bright intervals. q.
16	1017·3	1015·6	76·9	77·7	79	75	1·1	1·4	6·8	6·8	84	80	113	3	135	3	8	10	—	0·2	74	o.
17	1017·3	1016·2	77·4	79·1	81	76	1·1	1·1	7·1	7·8	84	84	113	4	113	4	8	0	—	1·0	75	c. to o. q.
18	1015·2	1015·9	80·2	79·7	83	78	0·5	0·0	9·5	9·8	92	100	180	4	225	1	10	10≡	7·1	3·4	77	o. q. a. ●² showers 11 h.–13 h. [≡² 20 h.
19	1010·5	1017·9	79·7	78·6	83	x 79	0·0	0·4	9·8	8·5	100	94	157	2	315	1	10●≡	4⌓	2·8	1·2	79	o., with ≡● a. c. ⌓ p.
20	1024·4	1027·4	81·1	79·7	84	78	0·3	0·3	10·2	9·5	96	96	180	1	203	1	8	3⌓	—	5·3	76	⌓ a. c. to fine.
21	1030·1	1030·8	80·2	80·2	81	x 79	0·4	0·5	9·5	9·5	94	92	225	4	293	1	10	10	—	—	76	o. q. ⌓ p.
22	1030·8	1029·1	80·2	80·2	82	x 79	0·5	0·5	9·5	9·5	92	92	247	2	247	2	10	2⌓	—	4·4	78	c. till 14 h., then fine.
23	1029·1	1028·1	82·7	80·2	x 86	x 79	0·8	1·4	10·8	8·1	89	82	247	2	337	1	2	6⌴	—	10·4	76	⌓² a. Very fine. ⌴ p.
24	1026·1	1024·7	83·0	80·8	x 86	77	2·2	1·7	9·1	8·1	74	79	270	1	337	3	0	2	—	10·8	73	⌴. Very fine.
25	1024·7	1024·7	81·9	78·6	83	78	1·7	1·2	8·8	7·8	79	85	45	1	360	2	8	0	—	7·0	75	⌓ a. Fine.
26	1024·7	1019·2	78·6	79·1	80	75	1·7	0·3	7·1	9·1	78	96	135	2	225	1	7	10⌓	—	6·2	72	⌴ early. Fine till 14 h., then c.
27	1012·8	1001·0	79·3	80·2	81	x 79	0·3	0·0	9·1	10·2	96	100	225	2	203	4	10	10	9·1	—	76	⌓ a. o., with ● showers a. q.
28	990·5	989·1	79·4	77·7	81	77	0·6	0·3	8·8	8·1	92	96	203	4	315	3	10	10●	4·8	1·3	76	● a. c. q. < 21 h. ⌴ p.
29	1000·7	1002·4	79·1	76·8	81	77	1·7	1·0	7·4	6·8	78	85	315	4	203	1	4	0⌴	8·6	9·6	75	● early. Very fine but q.
30	992·2	989·5	78·0	79·1	82	77	0·0	0·5	8·8	8·8	100	92	135	3	293	1	10●	0	5·8	0·7	72	● early. o. ≡● at times.
31	983·4	983·7	79·1	79·4	80	78	0·5	0·6	8·8	8·8	92	92	67	2	45	1	10●	6	4·1	—	75	● early. o.
Mean	1018·0	1017·2	78·8	78·2	81·0	76·4	0·9	0·8	8·2	7·9	88	88	2·8		2·3		7·8	5·7	51·2	3·87	74·1	
Mean Pressure at Station Level.	1007·2	1006·5																				

x denotes the maximum and *n* the minimum value in the column.
Temperatures at or below the normal freezing-point of water are printed in small type.

Shrewsbury, Shropshire.—March 1918.

Heights above Mean Sea Level :—Rain-gauge Site H = 57·9 m. ; Barometer, H_b = 64·7 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Lat. 52° 43′ N. Long. 2° 45′ W. *Time*, Local mean time, 10 m. after Greenwich.

Day.	Air Pressure at Mean Sea Level.		Air Temperature in Degrees Absolute.				Humidity. Dep. of Wet.		Humidity. Vapour Pressure.		Humidity. Percentage.		Wind. Veer from North and Force or Speed.				Cloud Amount and Weather.		Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.		9 h.	21 h.				
	millibar.		a. 200 +	a. 200 +	a. 200 +	a. 200 +	°	°	millibar.		%	%	°	0–12	°	0–12	Tenths of Sky covered.		mm.	hr.	a. 200 +	
1	1017·8	1021·2	74·4	73·7	80	73	0·3	0·1	6·4	6·3	95	98	337	4	45	3	5	9	0·2	No record.	71	✻⁰ during day. Cold wind.
2	1023·0	1022·3	73·6	73·7	79	n 70	0·6	0·1	5·6	6·2	89	97	45	1	45	3	2	10	0·2		n 67	Bright *a.* ✻⁰ showers.
3	1020·0	1019·3	74·1	74·7	n 76	72	0·3	0·2	6·2	6·7	93	97	45	3	45	2	10	10	—		70	Dull and cold.
4	1021·3	1018·9	75·0	76·3	79	74	0·0	0·0	7·1	7·7	100	100	45	1	45	1	10	10	—		74	g., with ≡⁰ all day.
5	1017·1	1019·1	77·4	77·4	80	76	0·2	0·5	8·1	7·6	97	92	45	1	90	2	10	10	0·2		76	g.
6	1020·8	1020·7	77·4	77·1	84	75	0·1	0·2	8·2	7·9	98	98	90	1	90	4	10	10	0·4		72	g. Cold wind.
7	1020·7	1020·2	76·3	77·3	78	75	0·0	0·0	7·7	8·2	100	100	90	2	—	0	10	10	0·3		75	Dull.
8	1020·2	1018·1	74·7	74·9	78	74	0·5	0·2	6·4	6·7	92	95	90	2	—	0	10	6	—		73	Dull and cold *a.*
9	1022·0	1020·2	75·5	78·7	85	72	0·7	0·7	6·4	8·2	89	90	90	1	—	0	2	0	—		69	Bright *a.* Fine *n.*
10	1019·1	1019·9	80·2	82·4	87	76	1·1	0·9	8·6	10·4	85	88	180	2	180	1	6	6	—		72	Fine.
11	1018·4	1014·2	82·2	81·3	87	x 80	0·9	0·2	10·3	10·5	89	97	203	3	203	3	10	6	1·1		79	c.
12	1015·9	1023·2	79·8	79·9	82	79	0·0	0·1	9·8	9·8	100	98	270	1	315	1	10●⁰	10	0·4		79	●⁰ *a.* Dull.
13	1029·4	1028·5	75·9	78·6	85	73	0·0	0·3	7·5	8·7	100	96	315	1	—	0	0	0	—		71	Bright *a.* ∞. Fine.
14	1025·6	1021·3	77·2	76·3	84	74	0·6	0·4	7·4	7·2	90	94	—	0	—	0	7	0	—		71	Fine.
15	1019·4	1017·9	76·6	75·7	80	75	0·3	0·5	7·5	6·9	97	93	45	3	90	3	10	10	—		71	Dull, with cold wind.
16	1016·0	1015·4	75·8	75·8	79	74	0·1	0·0	7·3	7·4	98	100	—	0	—	0	10	0	—		74	Dull.
17	1016·7	1016·7	79·3	79·7	84	71	1·3	0·6	7·8	9·0	82	92	90	2	—	0	0	10	—		68	Fine.
18	1018·2	1017·8	80·8	81·3	86	76	0·4	0·2	9·9	10·6	95	97	180	3	—	0	6	6	1·1		71	Fine.
19	1012·6	1016·4	79·7	79·8	82	77	0·0	0·2	9·8	9·5	100	97	—	0	—	0	10●	3	4·1		73	● 8 h.–16 h. Fine evening.
20	1025·7	1028·4	81·9	80·4	87	76	0·7	0·0	10·3	10·3	91	100	225	3	—	0	3	0	—		71	Fine.
21	1031·8	1031·9	80·8	81·3	90	77	0·6	0·5	9·7	10·1	93	93	270	3	—	0	4	4	—		73	Fine. Clear *n.*
22	1031·9	1030·7	80·5	80·2	92	71	1·6	0·5	8·2	9·3	80	92	247	1	—	0	2	0	—		69	Fine and bright.
23	1030·1	1028·8	82·9	79·1	x 95	73	1·7	0·5	9·7	8·7	81	92	247	1	—	0	2	0	—		70	Fine and bright. Clear *n.*
24	1026·7	1023·4	83·4	81·3	94	72	2·1	0·7	9·4	9·8	n 75	91	—	0	—	0	2	0	—		69	∞. Fine.
25	1022·7	1023·2	79·8	79·1	86	76	0·0	0·2	9·8	9·1	100	98	315	1	315	2	10	2	—		72	Dull, with cold wind.
26	1024·1	1020·5	78·4	79·0	84	72	1·3	0·8	7·3	8·2	81	88	337	1	—	0	5	7	—		69	Fine.
27	1015·2	1007·1	81·1	81·1	82	76	0·9	0·3	9·5	10·3	89	96	247	3	225	5	10	10	1·3		72	Dull and cold.
28	994·1	991·0	79·8	78·7	84	77	0·0	0·1	9·8	8·9	100	98	225	5	270	4	10●	4	x 9·2		79	● showers.
29	999·2	1003·2	79·1	79·4	82	77	0·0	0·5	9·3	8·9	100	93	315	3	—	0	6●	10	5·8		75	● showers *a.*, then fine.
30	994·7	992·3	78·1	79·7	85	75	0·0	0·0	8·8	9·8	100	100	157	3	—	0	10●⁰	3	3·5		72	● early. ● showers *a.*, then fine.
31	982·2	984·7	80·8	79·8	84	77	0·0	0·2	10·5	9·5	100	97	180	4	180	5	9●	10	1·5		74	● showers all day.
Mean	1017·8	1017·4	78·4	78·5	83·7	74·7	0·5	0·3	8·4	8·7	93	95	1·9		1·3		6·8	5·7	29·3		72·3	
Mean Pressure at Station Level.	1009·8	1009·3																				

Cambridge, a.—March 1918.

Heights above Mean Sea Level :—Rain-gauge Site H = 12·8 m. ; Barometer, H_b = 13·1 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Lat. 52° 12′ N. Long. 0° 8′ E. *Time*, Greenwich mean time.

	8 h.	20 h.	8 h.	20 h.			8 h.	20 h.	8 h.	20 h.	8 h.	20 h.	8 h.		20 h.		8 h.	20 h.	8 h.			
1	1012·3	1017·3	75·9	74·1	79	74	2·1	1·4	5·4	5·1	70	74	23	4	360	2	5	0⌴	—	7·8	71	✻ *n.* Fine, but with cold wind.
2	1020·7	1019·7	73·0	73·0	77	71	0·6	0·2	5·4	6·1	87	96	23	4	23	3	0⌴	0	—	6·2	67	Fine, but very cold.
3	1016·0	1017·3	73·6	75·3	n 76	72	0·6	0·0	5·8	7·1	89	100	45	4	360	1	10	10●⁰	1·3	—	69	o. Cold wind. ●⁰ *n.*
4	1020·2	1016·3	75·1	76·3	77	75	0·0	0·0	7·1	7·8	100	100	360	1	360	3	10≡⁰	10●⁰	1·3	—	74	≡⁰ early. o. raw cold. ●⁰ *n.*
5	1015·4	1019·8	76·6	75·5	79	75	1·0	0·4	6·8	6·8	86	94	45	3	90	3	10	0	—	0·9	71	● *n.* o. most of day.
6	1021·4	1021·2	75·9	77·3	85	75	0·1	0·5	7·4	7·8	97	92	90	2	45	3	0⌓⌴	10	—	7·9	70	Fine till 15 h. c. to o.
7	1021·0	1020·6	77·6	76·6	81	76	0·5	1·1	7·8	6·4	92	84	67	2	45	1	10	0	—	0·2	72	Dull. Raw cold.
8	1019·9	1020·5	74·6	71·9	78	72	1·0	0·2	5·8	5·4	82	93	45	3	45	1	10	0⌴	—	0·3	70	o. most of day.
9	1023·7	1022·6	70·8	73·7	84	n 68	0·1	0·3	5·1	6·1	95	95	45	1	135	1	0⌴	0⌓	—	7·1	66	Fine till 17 h. ∞. ⌓ *p.*
10	1024·6	1022·6	74·9	78·1	87	69	1·3	0·5	5·4	8·1	78	93	135	2	90	1	5⌴	0⌓	—	6·0	66	Fine till 15 h. ⌓ *n.*
11	1021·6	1017·9	79·2	82·4	90	76	0·2	2·6	9·1	8·1	96	69	180	2	225	2	9⌓	4	—	3·9	69	c.
12	1016·4	1022·3	80·8	82·2	89	x 79	1·2	0·9	8·8	10·2	85	89	—	0	315	2	5	0	—	3·0	75	c. ∞
13	1028·3	1028·3	79·6	79·3	82	x 79	0·6	0·3	8·8	9·1	92	95	23	2	45	2	10≡⁰●⁰	10	—	—	74	o., with cool wind.
14	1025·0	1020·7	79·6	77·7	84	74	1·6	0·8	7·8	7·4	78	88	45	2	45	2	0⌓	10	—	6·0	71	Fine. o. *n.*
15	1018·9	1017·9	76·9	74·7	81	74	1·1	0·9	6·8	5·8	84	85	45	3	45	2	4⌓	0	—	5·0	70	Fine, with cool wind.
16	1014·7	1016·5	75·2	76·1	80	73	0·0	0·7	7·1	6·8	100	90	360	1	45	1	10●⁰	0⌓	—	—	69	o.
17	1017·5	1018·3	74·1	81·9	87	70	0·7	1·6	5·8	9·1	87	80	45	2	90	1	10	10	—	3·6	n 65	o. till 11 h.
18	1020·9	1020·1	79·7	81·6	89	73	1·1	1·9	8·1	8·5	84	76	225	2	225	1	5⌓	2	—	5·4	68	Fine.
19	1015·5	1014·3	76·6	80·1	85	73	0·5	0·0	7·1	10·2	92	100	135	2	225	2	5⌓	10●	3·6	0·1	67	o. ●⁰ 13 h. ● 17 h.
20	1024·0	1028·6	79·1	77·6	88	77	1·1	0·2	7·8	8·5	84	98	315	4	90	1	0	1⌓	—	8·5	72	Fine.
21	1032·5	1032·1	78·0	79·8	89	72	0·0	0·9	8·8	8·8	100	88	225	3	—	0	10≡	1Ⴎ⌓	—	7·8	69	Fine. ⌴. Ⴎ *n.*
22	1032·4	1030·7	75·8	83·8	93	73	0·0	3·3	7·4	8·1	100	64	225	1	—	0	5⌴	1Ⴎ	—	9·5	71	Fine. Ⴎ
23	1031·5	1028·8	81·6	84·1	x 94	72	3·2	2·7	7·1	9·1	n 63	70	203	1	—	0	0⌴	0⌓	—	10·3	67	Fine.
24	1026·9	1021·8	80·9	79·8	x 94	71	2·8	0·0	7·1	9·8	67	100	180	2	270	1	0⌓	0⌓	—	9·8	68	Fine.
25	1021·5	1021·6	79·6	77·4	83	76	0·1	0·0	9·5	8·5	100	100	360	3	360	3	9	5Ⴎ	—	2·2	71	c. Ⴎ *n.*
26	1022·8	1022·4	76·3	73·7	81	74	1·0	0·6	6·4	5·8	85	89	360	3	—	0	10✻	5⌓	—	2·5	70	✻ 8 h. c., with cold wind.
27	1017·6	1010·8	78·7	79·0	82	71	1·1	2·0	7·8	6·8	86	73	225	3	225	5	10	10	—	—	71	o.
28	1001·2	993·0	80·4	80·5	84	x 79	0·6	1·8	9·5	7·8	92	76	203	4	225	2	10●⁰	5	1·0	1·9	76	●⁰ early c.
29	996·7	1003·2	78·0	80·2	82	77	1·7	2·2	6·8	7·1	77	72	270	3	270	2	7	7	0·5	1·4	74	● *n.* c.
30	1000·3	993·9	79·1	80·1	82	72	2·0	0·0	6·8	10·2	74	100	157	3	180	1	10	5	x 8·9	—	69	o. ● afternoon and evening.
31	988·3	990·8	80·9	79·8	87	75	2·8	0·0	7·1	9·8	67	100	247	5	203	1	8	1	2·5	7·7	71	Occasional ●² showers. Fine.
Mean	1018·4	1017·8	77·3	78·2	84·2	73·8	1·0	0·9	7·2	7·8	86	88	2·5		1·6		6·4	3·8	19·1	4·03	70·1	
Mean Pressure at Station Level.	1016·8	1016·2																				

x denotes the maximum and *n* the minimum value in the column.

ARMAGH, a.c.d.—MARCH 1918.

Heights above Mean Sea Level:—Rain-gauge Site, H = 59·8 m.; Barometer, H_b = 61·6 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Cups of Anemometer, h_a = 15·2 m. Lat. 54° 21′ N. Long. 6° 39′ W. *Time*, Local mean time, 25 m. after Greenwich.

Day.	Air Pressure at Mean Sea Level.		Air Temperature in Degrees Absolute.				Humidity. Depression of Wet.		Vapour Pressure.		Percentage.		Wind. Veer from North and Force or Speed.				Cloud Amount and Weather.		Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.		9 h.	21 h.				
	millibar.		a. 200+	a. 200+	a. 200+	a. 200+	°	°	millibar.		%	%	°	m/s.	°	m/s.	Tenths of Sky covered.		mm.	hr.	a. 200+	
1	1025·0	1025·0	74·8	72·3	79	71	1·2	0·2	5·5	5·4	79	93	—	1	—	0	2	0	—	9·9	66	Very fine.
2	1025·7	1025·0	73·1	72·9	79	n 69	0·8	1·2	5·2	4·5	83	73	—	0	—	1	0	1	—	6·8	n 65	Fine.
3	1023·3	1021·0	74·2	72·5	n 76	71	1·8	0·7	4·6	4·8	n69	81	—	1	—	1	1	0	—	4·7	66	✳⁰ early and 15 h. Fine.
4	1021·0	1021·7	74·7	76·2	77	70	0·7	1·0	6·1	6·5	87	84	—	1	—	0	10	10	—	—	n 65	o.
5	1021·7	1022·0	75·3	78·5	79	75	0·4	1·1	6·9	7·6	95	86	23	2	67	4	10	10	—	—	75	o.
6	1022·0	1020·3	77·6	77·6	81	75	0·8	1·0	7·4	7·3	89	87	67	5	90	7	10	1	—	1·3	72	o. most of day.
7	1020·0	1020·0	76·7	77·5	79	76	0·8	0·7	7·0	7·4	89	89	—	1	67	2	10	5	—	1·5	75	o. most of day.
8	1020·3	1015·9	75·7	75·1	78	75	1·4	1·2	5·8	5·8	79	81	113	4	90	2	10	10	—	—	75	o.
9	1016·9	1012·8	78·9	80·7	82	75	1·0	1·0	8·0	9·0	87	87	157	4	180	6	10	10	1·8	0·5	74	o. most of day.
10	1016·2	1016·2	79·6	79·2	83	79	1·0	1·0	8·3	8·1	85	86	—	1	157	2	5	9	0·3	1·5	77	o. most of day.
11	1009·5	1008·4	83·1	78·1	85	78	1·0	0·3	10·7	8·3	87	96	180	5	270	2	7	10	3·2	1·0	75	o. most of day. ● till noon.
12	1017·9	1026·7	75·6	76·2	85	75	0·0	1·0	7·4	6·5	100	84	—	0	—	0	10	0	—	6·4	73	Fine.
13	1030·5	1028·1	78·1	76·0	85	74	1·4	1·1	7·1	6·3	81	83	—	1	—	0	2	0	—	9·4	70	Very fine.
14	1025·0	1022·3	74·3	78·1	84	71	0·2	0·8	6·4	7·7	96	89	—	0	—	0	10	10	0·2	4·7	67	Fine.
15	1018·9	1016·9	77·2	75·7	80	73	0·8	1·1	7·3	6·2	90	84	67	3	90	4	9	1	—	1·2	68	o. most of day.
16	1015·9	1014·2	77·4	77·1	78	75	2·1	1·1	6·0	6·9	71	84	90	2	113	3	3	10	—	2·5	72	Fine to dull.
17	1014·5	1013·5	77·8	79·7	83	75	1·0	1·0	7·4	8·5	87	86	113	2	135	4	10	4	1·6	5·0	71	Fine.
18	1010·5	1012·2	79·9	82·1	87	79	0·5	1·5	9·2	9·3	94	82	180	4	180	3	10	6	0·5	6·8	77	Fine.
19	1008·1	1017·9	81·0	80·0	86	x 80	0·9	1·1	9·4	8·6	89	86	225	2	270	2	10	2	0·2	4·0	79	Dull to fine. Ⓤ
20	1023·7	1025·0	81·9	83·7	87	78	0·6	1·8	10·4	10·1	92	80	225	3	203	3	10	9	—	3·2	76	Dull to fine.
21	1026·1	1026·7	83·1	82·5	x 91	x 80	1·9	1·6	9·4	9·4	77	79	203	5	180	4	5	1	—	6·8	77	Fine.
22	1027·4	1025·7	81·4	83·5	x 91	78	1·2	2·2	9·1	9·3	84	74	203	3	203	3	1	1	—	10·7	76	Very fine.
23	1027·7	1026·1	83·1	83·9	x 91	78	1·8	2·4	9·6	9·3	79	73	—	1	203	3	1	1	—	10·6	75	Very fine.
24	1026·4	1025·4	79·1	80·7	89	76	0·9	1·1	8·2	7·2	88	95	—	1	—	0	9	9	—	8·9	74	Very fine.
25	1026·1	1026·4	80·1	76·1	84	76	1·5	0·4	8·0	9·0	80	86	360	4	—	1	2	0	—	9·1	71	Very fine.
26	1023·7	1016·6	74·7	79·5	84	72	0·0	1·4	7·0	7·7	100	80	—	1	225	2	10	6	—	3·8	69	c.
27	1009·1	995·6	80·1	80·9	87	79	0·7	0·7	9·1	9·6	91	91	203	4	203	5	10●	10	4·6	3·6	78	c.
28	985·4	992·9	78·6	78·3	81	76	0·5	0·7	8·4	7·9	94	90	225	5	315	4	10	10	2·6	0·6	75	o. most of day.
29	1001·3	998·3	77·4	78·3	82	74	0·6	0·9	7·5	7·8	91	88	315	2	157	6	9	1	x 8·7	1·9	72	c.
30	988·5	987·5	80·2	80·2	83	78	0·0	0·6	10·1	9·3	100	93	135	3	—	1	10	10	5·1	0·6	77	o. most of day.
31	983·7	987·5	78·7	79·7	82	77	0·0	0·3	9·1	9·4	100	97	45	3	360	2	10	10	4·3	—	73	● a. ● showers.
Mean	1016·5	1015·9	78·2	78·4	83·1	75·3	0·9	1·0	7·8	7·8	88	85		2·4		2·5	7·3	5·4	33·1	4·10	72·7	
Mean Pressure at Station Level.	1008·9	1008·3																				

DUBLIN (PHŒNIX PARK), a.c.—MARCH 1918.

Heights above Mean Sea Level:—Rain-gauge Site, H = 47·3 m.; Barometer, H_b = 48·5 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Lat. 53° 22′ N. Long. 6° 21′ W. *Time*, Local mean time, 25 m. after Greenwich.

													°	0–12	°	0–12						
1	1023·7	1024·0	75·1	74·1	78	72	0·9	1·1	6·1	5·4	85	80	360	3	45	1	3	10	0·3	5·2	69	✳⁰ a. Fine.
2	1024·4	1023·3	75·2	75·3	79	n 69	1·1	1·6	6·1	5·4	84	75	—	0	90	2	8	4	—	5·3	n 64	Fine.
3	1021·7	1020·3	75·1	73·8	n 77	73	1·4	0·7	5·4	5·8	77	87	90	2	—	0	8	5	—	0·5	69	o. most of day.
4	1021·3	1020·6	74·8	76·8	78	72	0·7	1·0	6·1	6·8	87	86	—	0	—	0	10≡	10	—	—	66	≡ a. o.
5	1020·3	1019·3	76·7	77·3	79	76	1·5	1·1	6·1	7·1	79	84	45	3	45	2	10	10	0·1	—	74	o.
6	1018·9	1018·3	78·5	77·9	81	75	0·7	1·7	8·1	6·8	92	77	90	6	90	6	10	8	—	0·7	73	●⁰ showers a. o.
7	1018·3	1018·6	78·2	76·1	80	74	2·1	1·6	6·4	5·8	73	77	90	5	45	3	10	10	—	3·8	73	c.
8	1018·6	1016·2	77·3	77·6	81	74	0·9	1·2	7·1	7·1	87	83	90	4	—	0	10≡	10≡	—	—	68	o., with ≡.
9	1017·9	1016·2	80·8	81·5	83	76	1·1	0·7	9·1	10·2	86	92	135	5	—	0	8	10	0·4	1·6	75	c.
10	1016·9	1015·9	80·8	82·8	85	77	0·7	1·6	9·5	9·8	90	81	—	0	—	0	10●	10●	0·4	—	77	●⁰ showers a. o., with ●.
11	1012·2	*1009·1*	84·1	78·9	88	78	1·7	0·5	10·5	8·8	80	93	180	4	—	0	6	10●	3·3	2·5	75	c. ●² showers p.
12	1017·9	1027·4	78·9	72·7	84	72	0·5	0·4	8·5	5·4	92	90	270	2	—	0	7	1	—	8·2	71	Fine.
13	1030·1	1027·7	78·9	73·6	82	70	1·5	0·0	7·4	6·4	79	99	—	0	—	0	3	2	—	8·8	65	Fine.
14	1024·0	*1021·7*	80·3	78·4	84	72	1·1	0·9	8·8	7·8	85	88	135	3	—	0	0	10	1·2	5·9	66	Fine.
15	1016·9	1015·2	77·7	79·1	80	74	0·5	1·4	7·8	7·4	93	82	—	0	225	3	10●	10	1·9	—	73	o., with ● a. and p.
16	1015·6	1013·2	76·7	75·3	80	75	1·3	0·6	6·4	6·4	82	91	225	2	—	0	10	10	—	—	66	o.
17	1013·2	1013·5	79·8	76·1	83	72	1·2	1·4	8·1	6·1	83	78	135	3	135	3	6	6	0·2	4·6	66	Fine.
18	1012·5	*1014·2*	81·8	82·6	88	71	1·3	1·1	9·5	10·2	84	86	180	6	225	2	9●	6	0·8	6·9	69	●⁰ showers a. Fine.
19	1009·1	1019·6	81·9	79·7	87	x 80	0·7	0·6	10·2	8·8	91	90	225	3	225	2	10	0	0·1	3·3	76	●⁰ showers a. c.
20	1025·4	1026·7	83·3	80·1	87	78	1·5	1·1	10·2	8·5	82	86	225	2	225	3	9	3	—	3·6	74	c.
21	1027·7	1029·1	86·2	81·2	89	79	3·6	2·2	9·5	7·8	62	74	225	4	225	2	1	3	—	10·6	76	Beautiful day.
22	1028·8	1028·8	86·4	82·2	91	77	4·0	2·3	9·1	8·5	n60	71	270	2	—	0	1	1	—	10·1	70	Beautiful day.
23	1028·8	1028·1	87·5	79·7	x 92	75	2·8	2·2	11·5	7·1	71	72	180	1	—	0	2	2	—	11·0	69	Beautiful day.
24	1026·1	*1023·7*	84·5	76·6	x 92	71	2·3	1·2	9·8	6·4	73	83	225	1	—	0	1	1	—	11·0	66	Beautiful day.
25	1025·4	1024·4	80·1	74·5	84	73	1·2	1·3	8·5	5·4	86	77	315	1	315	1	10	3	—	7·2	69	c. to 10 h., then fine.
26	1023·7	1018·3	75·8	74·1	86	n 69	1·0	0·7	6·4	5·8	84	88	315	1	—	0	1	0	—	7·1	n 64	≡ a. Fine.
27	1010·8	1000·0	82·6	81·8	86	74	1·1	1·2	10·2	9·5	86	85	180	5	180	6	8	10●	5·1	2·3	69	c. ● showers p.
28	988·8	994·2	81·2	79·8	84	76	1·1	2·0	9·1	7·4	86	73	225	5	225	4	8	9	3·0	4·3	74	● a. c.
29	1002·7	998·3	80·8	79·9	84	75	1·2	1·1	8·8	8·5	84	85	225	3	225	3	4	8	x 7·0	5·2	71	Fine.
30	987·5	*986·8*	82·5	78·9	85	75	0·6	0·6	10·8	8·5	93	91	—	0	45	2	10≡	10≡	5·1	3·2	70	●² a. c.
31	981·7	987·5	79·9	81·2	85	75	0·5	0·6	9·1	9·8	92	92	45	3	270	3	10●	10	3·6	—	70	o., with ● a. and p.
Mean	1016·4	1016·1	80·1	78·1	83·9	74·2	1·3	1·2	8·4	7·4	83	84		2·5		1·5	6·9	6·5	32·5	4·29	70·2	
Mean Pressure at Station Level.	1010·5	1010·1																				

x denotes the maximum and *n* the minimum value in the column.

METEOROLOGICAL OFFICE, LONDON,
May 8th, 1918.

[Price Sixpence.

DAILY READINGS AT METEOROLOGICAL STATIONS OF THE FIRST AND SECOND ORDERS, 1918.

DEERNESS, ORKNEY, a.b.c.—APRIL 1918.

Heights above Mean Sea Level:—Rain-gauge Site, H = 48·8 m.; Barometer, H_b = 49·7 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Cups of Anemometer, h_a = 4·9 m. Lat. 58° 56′ N. Long. 2° 45′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level.		Air Temperature in Degrees Absolute.				Humidity. Depression of Wet.		Vapour Pressure.		Percentage.		Wind. Veer from North and Force or Speed.				Cloud Amount and Weather.		Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.		9 h.	21 h.				
	millibar.		a. 200+	a. 200+	a. 200+	a. 200+	°	°	millibar.		%	%	°	m/s.	°	m/s.	Tenths of Sky covered.		mm.	hr.	a. 200+	
1	993·5	995·2	78·4	78·3	80	78	0·1	0·6	8·8	8·2	99	93	124	7	135	4	10≡⁰	10	2·2	—	No record.	≡⁰ a. ≡ 12 h. till 21 h.
2	997·9	1006·4	78·3	76·7	81	77	0·6	0·6	8·2	7·3	93	92	259	7	259	2	10	3	—	4·6		●⁰. Dull a. Fine p.
3	1011·2	1013·9	80·1	77·1	82	76	1·1	0·8	8·6	7·2	85	89	315	2	56	2	1	0	—	8·7		Fine all day.
4	1016·2	1017·3	79·4	78·2	81	76	1·6	0·8	7·5	7·8	79	89	101	4	124	6	2	2	—	8·8		Fine a. ⊕·9 h. Fine p.
5	1012·5	1004·0	79·0	78·9	81	77	1·2	1·4	7·7	7·4	83	82	157	12	169	12	2	10	1·8	5·8		Fine a. ● 17 h.–18 h. ≡⁰● at times. Ш
6	1001·0	1000·7	80·6	78·9	83	77	1·1	1·0	8·8	8·0	85	87	180	8	191	2	2	0	1·6	8·0		Fine all day. Ш
7	1001·3	1014·2	80·8	78·9	82	77	0·3	0·4	10·2	8·7	96	93	236	2	293	7	9●⁰	10	4·0	2·0		●⁰ showers all day.
8	1013·2	1001·0	77·8	78·9	81	77	1·1	0·6	7·2	8·5	86	92	180	9	180	9	10	10●	x 17·5	—		Dull a. ● after 18 h.
9	1001·0	1010·1	78·7	78·9	81	76	0·1	0·4	9·0	8·7	98	93	203	6	146	2	10●	10≡⁰	3·5	4·7		● till 12 h., then ≡⁰.
10	1016·9	1021·7	78·8	77·8	80	78	0·2	1·2	8·9	7·1	97	83	67	6	56	6	10≡	10	0·6	—		● n. Dull, with ≡≡:≡⁰.
11	1023·3	1018·9	77·8	77·4	80	76	1·2	0·6	7·1	7·6	83	92	67	4	124	6	8	1	—	8·6		Fair to fine. Ш
12	1014·2	1015·6	78·2	77·7	82	76	0·1	1·1	8·7	7·1	99	84	180	5	349	8	10≡⁰	10	0·4	2·3		≡:² till 8 h., then ≡⁰; clearing later.
13	1021·0	1025·7	76·0	73·3	77	74	1·7	0·6	5·7	5·5	75	88	23	11	11	8	8	10	—	4·2		✳ showers a. ✳▲ showers after 16 h.
14	1025·4	1024·0	74·1	75·6	77	n 73	2·0	1·6	4·4	5·6	n66	76	360	7	—	1	10	10	—	0·8		Fair, but dull.
15	1025·0	1025·7	77·8	76·2	80	74	2·0	0·6	6·2	7·0	72	90	203	4	—	1	3	0	—	12·3		Fine, bright day.
16	1027·1	1028·1	80·3	78·4	81	76	0·8	0·4	9·0	8·3	88	94	—	0	146	2	10	6	—	1·0		Fair to fine.
17	1028·4	1029·1	81·3	76·4	84	76	1·9	0·8	8·3	6·8	77	87	225	2	11	13	8	4	—	5·1		Very fine a. ▲ showers after 20 h.
18	1028·1	1023·0	73·7	74·4	n 76	n 73	1·4	1·6	4·6	5·0	73	74	360	11	337	12	10✳⁰▲⁰	10	—	—		✳▲ showers all day.
19	1015·9	1013·5	76·7	76·1	79	75	1·1	0·6	6·6	7·0	84	91	360	8	360	4	4	10●	7·1	9·3		Fair a. ● after 20 h.
20	1011·8	1015·9	77·5	76·6	80	75	0·8	1·5	7·3	6·1	88	79	90	4	90	7	8	3	—	8·0		● n. and a. Sunny.
21	1019·6	1016·2	79·8	78·6	81	76	1·9	0·9	7·4	7·9	75	88	90	5	45	2	4	10	—	5·4		Bright a. Fair p.
22	1014·9	1018·9	80·0	79·4	81	77	1·1	0·0	8·5	9·6	85	100	180	2	56	3	2	10●	4·8	3·1		Fine a. ● after 19 h.
23	1019·3	1022·0	80·1	79·3	80	78	0·1	0·3	9·9	9·1	99	95	90	5	135	6	10≡	10≡⁰	—	—		● n. ≡ after 8 h. ≡:² till 15 h.
24	1023·7	1024·4	78·9	78·3	80	78	0·6	0·0	8·5	8·9	92	100	157	8	113	5	10	10≡:²	0·2	—		Dull, ∞ a. ≡:² after 16 h.
25	1024·0	1025·0	80·2	80·0	82	78	0·1	0·6	9·9	9·2	98	93	135	5	135	3	8	0	—	7·4		Fair to fine a. Very fine p.
26	1025·0	1026·4	83·1	80·2	x 85	x 79	1·8	0·7	9·5	9·1	78	90	135	4	90	2	0	0	—	14·1		⌓ a. Very fine.
27	1029·1	1031·1	79·3	78·3	81	x 79	0·3	0·6	9·1	8·2	95	93	90	4	67	3	10≡⁰	10	—	1·4		≡ early. ≡⁰ 9 h.–11 h., then o.
28	1032·2	1031·8	79·4	77·8	81	77	1·8	1·1	7·3	7·2	76	85	56	4	67	5	6	9	—	8·0		Fair a.; dull p.
29	1030·1	1028·8	78·6	78·0	80	77	1·7	1·1	7·0	7·3	78	84	45	9	67	8	10	8	—	3·4		Dull, but fair.
30	1029·8	1030·5	80·8	77·8	82	78	2·2	1·1	7·6	7·2	73	85	101	3	135	2	4	1	—	11·9		Fair to very fine.
Mean	1017·8	1018·6	78·9	77·7	80·7	76·5	1·1	0·8	7·9	7·6	85	89		5·6		5·1	7·0	6·6	43·7	4·96		
Mean Pressure at Station Level.	1011·6	1012·4																				

ABERDEEN, a.c.e.—APRIL 1918.

Heights above Mean Sea Level:—Rain-gauge Site, H = 14·0 m.; Barometer, H_b = 26·8 m. Heights above Ground:—Therms., h_t = 12·5 m. Rain-gauge, h_r = 0·61 m. Cups of Anemometer, h_a = 21·9 m. Lat. 57° 10′ N. Long. 2° 6′ W. *Time*, Greenwich mean time.

																			0 h. to 24 h.			
1	992·9	995·4	79·3	78·2	81	x 78	0·4	0·4	8·9	8·3	94	94	113	2	—	1	10≡⁰	5	0·8	2·2	78	●⁰≡⁰ a. Mostly dull.
2	1001·4	1007·5	79·8	77·9	83	76	2·1	1·1	7·2	7·3	73	84	225	3	—	1	1	4	0·7	7·1	71	Fine to fair. ●⁰ showers n.
3	1011·5	1013·4	78·3	77·5	81	74	1·2	0·8	7·4	7·4	83	88	293	4	23	2	4	0	—	6·4	72	Fair to fine. Ш⁰ n.
4	1015·8	1018·4	78·8	77·8	80	75	1·2	1·6	7·6	6·6	83	77	45	2	135	2	10	10	—	4·8	74	Dull a. c. to fine p. v.
5	1015·8	1009·0	79·2	78·9	80	x 78	1·7	0·7	7·3	8·3	77	90	180	5	180	6	9	10	0·3	6·6	74	Dull to fair. q. ●⁰ n.
6	1003·8	1001·6	80·8	79·4	83	x 78	1·4	1·9	8·5	7·2	81	75	203	4	270	4	8⊕⦶	0Ш	—	5·2	77	●⁰≡⁰ to fine a. Fair p. Ш 21 h.
7	1004·8	1015·7	81·3	78·9	83	77	2·7	1·1	7·3	7·8	67	84	293	7	293	7	8	8	0·4	2·5	74	c. q., with ●⁰ showers all day.
8	1016·6	1005·0	79·3	79·5	81	75	2·0	1·1	7·1	8·2	74	85	180	3	180	4	8	10	—	0·7	72	∞⁰ a. Dull to c.
9	1003·1	1009·6	80·3	78·4	82	x 78	1·4	0·9	8·3	7·8	81	87	157	4	135	3	2≡⁰	10	—	3·6	77	≡⁰ a. and p. Fair to dull.
10	1015·1	1020·4	78·7	78·6	79	77	0·3	1·4	8·6	7·3	95	81	67	7	45	7	10●⁰	10	0·6	—	77	d. a. Dull.
11	1022·1	1020·7	78·9	77·5	80	77	1·8	0·7	7·1	7·5	76	89	23	5	—	1	5	5	—	8·7	77	Dull to fine. Ш after 20 h.
12	1014·9	1015·1	78·2	79·4	80	77	0·4	1·1	8·3	8·1	94	85	135	2	360	2	10≡⁰	6	—	0·4	73	≡⁰●⁰ a. Dull and g.
13	1019·4	1024·6	76·9	75·2	79	75	0·8	2·7	7·1	4·4	88	61	23	6	360	5	10●	10	0·5	1·6	74	●⁰ showers a. c. q. p.
14	1024·5	1024·4	75·9	75·5	n 77	74	2·9	2·5	4·5	4·8	60	65	337	5	315	4	10	10	—	0·5	73	Dull to c. v. a. and p.
15	1025·3	1026·2	77·0	75·0	79	73	2·7	1·7	5·2	5·1	64	73	315	4	45	2	10	0	—	4·7	74	Dull and c. to fine. v.
16	1027·2	1028·8	77·7	78·5	80	n 72	1·9	1·3	6·3	7·4	74	82	360	3	23	3	10	10	—	0·4	n 70	Dull all day. v.
17	1029·1	1027·8	79·8	79·0	84	77	2·6	0·9	6·6	8·1	67	87	337	4	360	6	10	10	0·4	5·3	75	Dull a. Fair to fine p. q. n.
18	1027·2	1021·6	75·0	74·9	n 77	74	2·1	1·9	4·8	4·9	68	70	337	7	337	6	9✳	10	0·4	0·5	73	Dull and q., with ✳⁰ showers.
19	1014·9	1012·5	77·1	75·9	79	75	1·8	1·6	6·0	5·7	74	76	337	7	315	7	8	5	0·2	3·9	73	q., with △⁰●⁰ showers.
20	1011·1	1014·2	76·9	76·3	79	74	1·4	1·2	6·4	6·3	79	82	45	2	135	2	2	5	x 4·2	9·9	73	✳●⁰ to fine a. Fair p. ▲⁰ ●⁰ n.
21	1018·5	1016·5	78·5	78·4	80	75	2·4	1·5	6·2	7·1	69	79	90	5	—	0	6	10	1·4	8·4	72	●⁰ showers a. and p.
22	1015·3	1017·3	79·5	79·1	81	75	2·6	0·2	6·5	9·1	67	97	—	1	45	2	0	10	—	6·6	72	Fine to c. a. Dull p.
23	1019·0	1022·6	79·5	79·2	80	x 78	0·1	0·5	9·5	8·7	98	93	45	2	135	4	10	10≡⁰	1·0	—	79	d. and ≡⁰ a. ≡⁰ p. and n.
24	1024·7	1024·4	79·3	77·9	81	77	0·6	0·1	8·8	8·4	92	98	180	2	—	0	10≡⁰	*10≡⁝*	—	0·8	78	Dull and g. a. ≡:² p.
25	1024·6	1025·4	80·3	80·1	84	77	0·6	1·2	9·4	8·5	92	84	—	1	—	1	? 5≡⁰	0	—	10·2	77	≡² to fine. Ш 20 h.–22 h.
26	1024·9	1025·8	82·9	80·2	x 85	75	2·0	1·5	9·2	8·1	76	80	—	1	23	2	5	0	—	13·7	74	⌓ a. Fine.
27	1027·9	1030·9	84·3	78·5	84	75	4·2	0·9	7·5	7·9	n56	87	360	3	23	3	0	9	—	5·7	74	⌓≡⁰ a. Dull, with ≡⁰ p.
28	1031·7	1031·2	79·6	77·8	80	77	2·3	2·0	6·9	6·2	71	72	23	5	23	3	8	9	—	10·3	77	Dull to fine.
29	1028·8	1027·6	78·8	78·2	80	x 78	2·4	1·9	6·3	6·5	69	74	23	6	67	3	10	8	—	6·2	75	Dull to fine.
30	1029·5	1030·6	79·9	77·9	81	x 78	2·0	2·3	7·4	6·0	74	69	90	5	135	3	0	3	—	12·3	74	c. to fine a. Fair p.
Mean	1018·0	1018·8	79·1	78·0	80·7	75·9	1·7	1·3	7·3	7·2	77	82		3·9		3·2	6·9	6·9	10·9	4·97	74·4	
Mean Pressure at Station Level.	1014·7	1015·4																				

Corresponding Normal Values are referred to thus:—a. Appendix IV., "Weekly Weather Report," 1913; b. Appendix I., "Meteorological Observations at Stations of the Second Order," 1891; c. "Temperature Tables of the British Islands," 1871–1900; d. "Rainfall Tables of the British Islands," Part I., 1866–1880. Part II., 1881–1890; e. "Hourly Values," *Geophysical Section*, 1912.

Wt. 15559/478—250—6/18.—N. & Co., Ltd. Gp. XV.

Fort William, Inverness-shire, a.c.—April 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 52·1 m. ; Barometer, H_b = 11·6 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Lat. 56° 49′ N. Long. 5° 7′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level. 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Depression of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind. Veer from North and Force or Speed. 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		a. 200 +	a. 200 +	a. 200 +	a. 200 +	°	°	millibar.		%	%	°	0–12	°	0–12	Tenths of Sky covered.		mm.	hr.	a. 200 +	
1	992·2	997·3	80·7	78·6	81	78	1·2	1·1	8·8	7·6	85	85	90	1	—	0	10	2	2·5	No record.	No record.	Bleak, showery day.
2	1002·0	1007·8	77·9	75·8	82	76	1·0	0·6	7·3	6·8	86	91	225	2	—	0	8●⁰	1	1·3			Showery. ✳ on hills.
3	1011·8	1011·5	75·8	78·6	85	71	2·8	2·3	4·5	6·3	61	71	—	0	45	3	0⌴	0	—			⌴. Very fine and sunny.
4	1014·2	1015·9	79·1	79·1	83	72	2·8	3·0	6·1	6·0	65	63	—	0	90	3	1⌴	1	—			⌴. Very fine and sunny.
5	1012·2	1006·4	82·3	80·8	84	75	3·8	0·6	6·8	9·7	58	93	180	2	225	3	7∞	9	x 15·0			Dull, with ∞. ● after 12 h.
6	1001·7	1003·7	79·9	78·6	84	78	0·9	1·1	8·7	7·6	88	85	225	3	225	3	8	8●⁰	3·8			Dull and showery.
7	1008·4	1018·3	80·6	78·0	83	77	2·0	1·7	7·7	6·6	75	77	315	3	—	0	7	9	—			Fair to fine. ✳⁰ on hills.
8	1016·2	1002·4	77·6	78·0	81	73	1·2	0·6	7·0	8·0	83	92	225	3	225	3	10	10●	8·1			Dull. ● after 18 h.
9	1001·0	1007·8	77·4	77·6	81	77	0·3	0·7	8·0	7·5	96	90	45	1	—	0	10●	1	1·5			Showery ; clearing after 12 h.
10	1011·8	1017·9	80·2	80·2	83	77	2·1	2·2	7·4	7·2	73	72	45	5	45	6	10∞	1	—			Fair to fine. [21 h.
11	1020·0	1017·6	80·2	78·0	87	77	2·2	1·2	7·2	7·2	72	83	45	5	—	0	0	0♕	—			Very fine, clear, and sunny. ♕
12	1013·2	1014·2	80·6	81·9	87	73	2·6	1·8	7·1	8·8	69	77	—	0	45	4	1	10∞	0·3			Very fine. g. evening.
13	1019·3	1025·0	76·9	74·5	82	74	1·1	0·5	6·8	6·2	85	92	45	4	45	3	10●⁰	1	—			●⁰ showers at first ; generally
14	1026·1	1024·4	74·7	72·6	n 79	71	2·4	1·2	4·4	4·3	63	71	45	3	45	2	10	0	—			Fine, clear, and sunny. [fair.
15	1025·4	1025·0	75·2	79·8	85	n 68	2·2	1·8	4·8	7·4	66	75	45	1	90	2	1	7∞	—			Fine, clear, and sunny. ∞
16	1026·4	1027·1	80·8	78·6	85	77	2·3	1·7	7·4	7·0	72	78	45	3	—	0	10∞	0∞	—			Dull, fine, and sunny after 10 h.
17	1029·1	1027·4	79·7	83·0	89	73	1·7	1·8	7·5	9·6	77	79	45	1	45	4	0~	6∞	—			Fine and sunny. ∞ [∞
18	1029·1	1025·4	75·8	75·8	83	75	2·8	0·8	4·5	6·4	61	87	45	3	45	3	9	10	—			Alternate sun and cloud.
19	1017·3	1014·5	77·8	77·9	82	74	1·9	1·6	6·4	6·7	74	78	315	3	45	3	10	10●⁰Ѱ	1·0			Fair to fine. ●⁰ showers p. ✳⁰ on hills.
20	1010·5	1012·5	77·1	76·3	81	76	0·8	2·6	7·2	4·9	89	64	45	4	45	3	10●⁰	1	0·5			Showery till 12 h. ✳ on hills.
21	1016·6	1014·5	78·1	78·0	85	72	2·9	3·2	5·5	5·2	63	59	45	2	—	0	6	0	—			Fine, clear, and sunny.
22	1014·9	1016·6	79·1	78·4	86	71	2·8	1·9	6·1	6·6	65	74	—	0	—	0	1	0∞	—			Very fine ; bright sunshine.
23	1017·6	1019·3	82·4	81·9	88	73	2·5	2·2	8·3	8·2	70	73	135	2	—	0	1	2	—			Very fine ; bright sunshine.
24	1022·0	1021·7	85·3	81·9	91	x 79	3·8	2·2	8·7	8·2	60	73	—	0	—	0	1	0∞	—			Very fine ; bright sunshine.
25	1022·7	1022·3	83·6	85·7	x 95	76	2·1	3·8	9·5	8·8	75	61	—	0	—	0	1	0	—			Very fine ; bright sunshine.
26	1023·3	1023·7	85·2	85·8	x 95	76	3·3	3·3	9·0	9·5	64	65	—	0	—	0	0	6∞	—			Very fine ; bright sunshine.
27	1026·7	1028·1	84·1	81·9	94	77	3·1	1·8	8·6	8·8	66	78	—	0	135	3	0	0	—			Very fine ; bright sunshine.
28	1029·8	1028·1	80·8	80·8	89	77	2·1	2·2	7·7	7·6	74	73	45	4	45	4	0	3	—			Very fine ; bright sunshine.
29	1027·1	1024·7	80·8	78·1	84	75	3·7	2·3	6·1	6·1	n 58	70	45	4	45	5	4	2	—			Very fine ; bright sunshine.
30	1026·1	1027·1	82·7	78·6	87	74	3·7	3·3	7·1	5·4	59	60	—	0	135	4	6	0	—			Very fine ; bright sunshine.
Mean	1017·2	1017·6	79·7	79·2	85·4	74·7	2·3	1·8	7·1	7·2	72	76		2·0		2·0	5·1	3·3	34·0			
Mean Pressure at Station Level.	1015·7	1016·1																				

Douglas, Isle of Man, a.—April 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 84·5 m. ; Barometer, H_b = 86·6 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Lat. 54° 10′ N. Long. 4° 28′ W. *Time*, Local mean time, 20 m. after Greenwich.

1	993·2	1001·3	79·9	79·1	82	79	0·2	1·1	9·5	7·8	96	84	315	3	293	2	10●	2	0·8	2·6	77	●⁰ a. o. to c. ● showers.
2	1005·4	1008·8	79·7	76·8	83	76	1·1	0·5	8·1	7·4	84	94	270	2	293	1	6	0⌴	—	7·4	72	⌴ early. c. to bright.
3	1010·8	1009·5	80·2	79·7	81	74	1·6	1·1	7·8	8·1	78	84	135	2	90	3	4	4	—	11·3	71	⌴ a. Very fine.
4	1012·2	1015·2	78·6	79·7	82	77	1·3	1·1	7·4	8·1	83	84	90	4	113	3	8	8	—	6·1	75	Fine. q. at times.
5	1017·3	1011·2	78·6	81·3	82	77	0·6	0·0	8·5	10·8	92	100	113	2	247	3	10	10●	6·1	0·6	75	c. to o. ● 20 h.–23 h.
6	1006·4	1008·8	79·1	79·1	82	79	0·5	0·8	8·8	8·5	92	88	247	2	270	3	10●	4	2·3	5·3	78	● 7 h.–11 h. ●⁰ 19 h.
7	1011·8	1018·3	79·1	78·3	82	77	0·5	1·1	8·8	7·4	92	85	293	5	315	5	8	2	0·3	6·3	77	● showers a. q.
8	1018·9	1008·8	80·2	79·1	81	77	1·5	0·5	8·1	8·8	80	92	45	1	203	2	8	8	1·0	0·9	75	Dull and c.
9	1002·7	1004·4	79·1	79·7	82	77	1·1	1·3	7·8	8·1	84	83	293	2	45	1	7	10	4·1	3·5	77	● showers early and 18 h. c.
10	1007·4	1011·8	79·1	78·7	80	78	0·2	0·4	9·1	8·5	98	94	45	4	45	5	10●	3	10·2	—	77	o. q., with ●.
11	1013·5	1013·9	80·8	81·3	85	78	0·9	1·1	9·5	9·5	90	86	45	8	90	3	8	8	—	8·2	77	Fine. ⟋
12	1014·2	1014·5	79·1	79·7	81	79	0·0	0·6	9·5	9·1	100	92	113	1	293	1	10≡⁰	10	5·1	—	76	≡⁰ 8 h. o., with ● showers.
13	1015·6	1021·3	79·1	76·9	80	77	0·5	1·4	8·8	6·4	92	81	67	3	67	6	10●	8	0·5	—	78	o., with ● showers.
14	1023·7	1023·7	75·8	73·0	n 78	n 73	2·1	0·6	5·1	5·4	70	87	45	3	337	1	10	0⌴	—	6·0	72	⌴ early. o. Bright after 11 h.
15	1023·7	1024·7	79·7	76·3	82	n 73	2·8	0·8	6·4	6·8	65	87	45	2	23	1	0	0⌴	—	11·5	n 70	⌴. Very fine.
16	1024·4	1024·7	78·6	78·0	82	75	1·7	0·8	7·1	7·8	78	88	45	4	67	5	3	0	—	11·9	71	⌴ a. Fine, but q.
17	1025·7	1025·0	79·9	79·7	84	77	1·5	1·1	8·1	8·1	80	84	45	8	45	4	2	0	—	12·3	75	⟋. Fine.
18	1026·4	1023·7	78·0	75·7	80	75	2·2	2·1	6·1	5·1	70	69	67	4	360	2	6	4⌴	—	7·0	75	c. q. ⌴ p.
19	1019·6	1012·8	77·4	78·0	79	74	2·5	0·6	5·4	8·1	66	92	315	3	67	2	6	6	x 13·5	3·5	71	⌴ a. c. to o. ●✳▲ 11 h.–16 h.
20	1008·8	1011·2	79·7	75·8	81	75	0·2	0·6	9·5	6·8	98	91	337	3	45	1	10	4⌴	1·0	0·1	71	✳● (sleet) a. o., with ● showers.
21	1013·5	1013·5	77·7	78·7	81	75	1·4	1·3	6·8	7·4	80	83	90	2	90	3	4	2	—	11·5	71	⌴ a. and p. Very fine.
22	1015·6	1016·9	80·2	78·6	84	75	2·0	2·0	7·4	6·8	74	75	113	2	337	1	6	0⌴	—	12·6	72	⌴ a. and p. Very fine.
23	1017·3	1019·3	82·2	80·2	86	76	2·0	0·8	8·8	8·8	76	89	135	1	67	1	0∞	0⌓	—	12·5	71	⌴ a. Very fine. ⌓ p.
24	1022·0	1020·3	81·6	83·3	87	80	0·7	1·5	10·2	10·2	91	82	90	2	23	1	10	0⌓	—	8·2	75	⌓ a. and p. Very fine from
25	1020·3	1021·0	86·9	85·2	x 92	80	2·8	3·7	11·2	8·5	70	n 61	113	1	45	3	0∞	0	—	9·8	76	⌓∞ a. Very fine. [10 h.
26	1021·0	1023·3	88·8	85·8	x 92	80	3·6	3·6	11·5	9·1	64	63	67	2	45	3	0	0	—	12·7	76	⌓ a. Very fine. ∞ p.
27	1026·1	1027·4	88·6	84·9	91	x 81	2·5	3·6	12·9	8·5	74	n 61	90	2	45	2	0	0	—	12·8	79	Very fine.
28	1027·4	1027·1	84·7	80·8	86	x 81	3·6	2·2	8·5	7·8	62	73	45	4	45	4	0	0	—	13·2	80	Bright and q.
29	1024·7	1021·7	79·9	78·6	84	76	1·3	0·9	8·1	8·1	81	89	90	2	67	2	3	0	—	13·0	74	Very fine.
30	1022·0	1023·7	82·4	80·2	85	77	2·2	1·8	8·8	7·8	73	77	90	4	67	6	6	7	—	9·8	75	⌓ a. Fine, but q.
Mean	1016·4	1016·9	80·5	79·4	83·3	76·9	1·5	1·3	8·5	8·0	81	83		2·9		2·7	5·8	3·3	44·9	73·7	74·6	
Mean Pressure at Station Level.	1005·7	1006·3																				

x denotes the maximum and n the minimum value in the column.
Temperatures at or below the normal freezing-point of water are printed in small type.

Shrewsbury, Shropshire.—April 1918.

Heights above Mean Sea Level :—Rain-gauge Site H = 57·9 m. ; Barometer, H_b = 64·7 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Lat. 52° 43′ N. Long. 2° 45′ W. *Time*, Local mean time, 10 m. after Greenwich.

Day.	Air Pressure at Mean Sea Level. 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind. Veer from North and Force or Speed. 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		a. 200 +	a. 200 +	a. 200 +	a. 200 +	°	°	millibar.		%	%	°	0–12	°	0–12	Tenths of Sky covered.		mm.	hr.	a. 200 +	
1	993·5	1001·8	81·5	79·1	83	79	0·2	0·0	10·8	9·3	98	100	247	3	247	2	8	2	4·7	No record.	78	● showers. ●²▲² shower 15 h.
2	1005·2	1009·7	82·3	78·3	84	75	0·2	0·4	11·3	8·4	96	94	225	3	293	2	10	2	1·4		72	●⁰ showers. ▲² shower 19 h.
3	1010·7	1008·1	80·2	80·6	85	n 71	1·3	1·0	8·3	9·0	83	87	315	2	135	1	3	7	—		70	Fine.
4	1009·3	1014·1	77·8	79·5	84	77	0·2	0·6	8·2	8·9	96	92	135	3	—	0	10	4	—		77	Dull and o. to 17 h. Fine n.
5	1018·6	1015·8	77·4	82·4	84	n 71	0·8	1·6	7·3	9·3	87	79	135	2	—	0	5	4	3·2		70	≡ 7 h.–8 h. 30 m. Fine.
6	1007·4	1009·0	81·9	79·5	85	79	0·3	1·8	10·9	7·4	97	76	—	0	315	1	10●	1	6·1		79	● showers. Clear evening.
7	1012·5	1015·8	80·1	79·9	82	77	2·0	1·8	7·4	7·5	74	75	315	3	315	4	10	7	0·4		74	Dull a. ●⁰ showers till 14 h.
8	1018·0	1009·9	81·8	79·1	86	77	2·5	1·1	7·9	7·9	70	84	315	3	—	0	5	3	—		75	Bright and warm. [c.
9	1003·2	1002·4	79·2	80·1	82	77	1·3	0·4	7·8	9·4	82	94	135	2	135	2	7	10	6·8		71	≡⁰ a. ●⁰ 13 h.–14 h. o.
10	1003·8	1009·1	78·6	79·1	81	77	0·0	0·2	9·0	9·1	100	98	—	0	—	0	10●	10	5·1		77	● showers till 16 h. o.
11	1010·2	1013·0	80·3	79·6	83	79	0·2	0·2	9·9	9·5	97	99	45	1	—	0	10	10	0·2		79	Dull and o. ● showers from
12	1013·7	1013·8	80·0	82·4	85	79	0·3	0·6	9·5	10·7	95	92	—	0	—	0	10	10	—		79	g. [19 h.
13	1014·1	1016·6	80·2	79·4	83	79	0·2	1·1	9·8	8·2	97	85	360	1	45	2	10	10	—		76	g.
14	1020·2	1020·9	77·6	76·7	80	74	2·2	2·0	6·0	5·6	71	71	45	2	45	3	9	9	—		72	o. and cold.
15	1020·3	1020·8	77·2	78·7	81	74	1·4	1·6	6·5	7·2	79	80	360	4	360	3	10	10	—		72	Dull and cold. [●² 21 h.
16	1019·8	1019·4	80·1	77·4	81	76	0·3	0·0	9·6	8·3	96	100	270	3	270	2	10	10●²	4·2		76	● 9 h. ✳⁰ 11 h. ● till 15 h.
17	1021·3	1022·5	78·7	78·6	83	77	0·3	1·2	8·8	7·6	96	85	360	2	360	1	10	0	0·6		77	Dull a. ● 15 h.–16 h. Clear n.
18	1022·5	1021·1	78·6	75·8	81	74	1·7	1·7	7·0	5·6	78	75	23	2	23	3	7	8	—		70	Fine, but with cold wind.
19	1016·9	1011·7	77·4	76·3	80	74	2·7	0·4	5·3	7·2	63	94	360	3	315	2	7	8	—		71	Fine. ●⁰ showers 20 h.
20	1010·9	1008·6	77·4	75·8	n 79	74	1·4	0·0	6·6	7·4	79	100	315	1	135	2	10	10●	x 10·2		71	Fine a. ✳● (sleet) noon. ●
21	1009·5	1010·6	74·3	78·3	n 79	73	0·0	0·7	6·7	7·9	100	90	23	3	23	2	10●✳	10	7·8		73	⊠ ✳ 7 h. 30 m.–20 h.
22	1014·1	1015·6	79·9	78·6	86	75	1·6	1·2	7·7	7·6	78	85	90	2	—	0	5	3	—		72	Fine.
23	1016·2	1018·5	81·9	80·9	88	72	2·8	0·6	7·5	9·8	67	93	—	0	—	0	2	8	—		n 69	Fine.
24	1020·7	1018·6	83·1	83·0	91	x 80	1·2	1·1	10·5	10·5	85	86	—	0	—	0	7	3	—		76	Dull a. Fine from 9 h. [19 h.
25	1018·8	1017·8	83·0	85·8	92	76	0·9	2·5	10·7	10·6	88	73	—	0	—	0	4	2	0·3		74	≡ early. Fine. ●⁰ shower
26	1019·3	1021·3	84·1	83·6	x 94	x 80	1·8	2·3	10·4	9·3	79	74	113	1	—	0	8	0	—		77	≡ early. Fine. ●⁰ shower
27	1023·8	1024·9	84·9	83·0	92	75	2·7	2·4	9·7	8·8	70	72	90	1	—	0	0	0	—		73	≡⁰ early. ꓘ 15 h. [16 h.
28	1025·5	1024·4	82·3	82·4	90	76	2·6	2·8	8·0	7·8	68	n 66	360	2	45	2	0	3	—		72	Fine. Very cold wind.
29	1023·3	1019·3	81·2	80·8	87	73	2·8	2·5	7·2	7·3	67	70	45	1	45	2	3	0	—		70	Fine.
30	1019·5	1022·8	83·4	79·7	87	76	2·8	2·1	8·5	7·1	68	72	45	3	90	5	7	8	—		71	Fine, but with cold wind.
Mean	1014·7	1015·2	80·2	79·8	84·6	75·9	1·3	1·2	8·5	8·3	83	85		1·8		1·4	7·2	5·7	5·10		73·8	
Mean Pressure at Station Level.	1006·9	1007·3																				

Cambridge, a.—April 1918.

Heights above Mean Sea Level :—Rain-gauge Site H = 12·8 m. ; Barometer, H_b = 13·1 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Lat. 52° 12′ N. Long. 0° 8′ E. *Time*, Greenwich mean time.

	8 h.	20 h.	8 h.	20 h.			8 h.	20 h.	8 h.	20 h.	8 h.	20 h.	8 h.		20 h.		8 h.	20 h.	8 h.			
1	993·9	1002·6	81·1	80·2	86	79	1·3	0·8	9·1	8·8	84	89	225	4	270	1	9	5	1·5	2·5	75	[noon. q. ●² showers. Sunny after-
2	1007·9	1009·6	78·6	80·9	87	n 72	0·6	0·5	8·5	10·2	92	95	225	1	225	1	0⌓²	5	4·1	7·0	69	Fine till 13 h. T 14 h. 30 m.
3	1011·9	1010·1	78·4	80·1	85	n 72	0·8	1·5	7·8	8·1	88	79	180	1	135	1	0⌓	7	—	6·6	n 68	Fine.
4	1008·0	1014·2	80·0	76·5	85	76	0·1	0·2	9·8	7·8	99	98	45	4	45	2	9	0⌓	—	0·9	74	Dull most of day. ⌓ p.
5	1016·4	1018·5	80·2	74·9	82	74	0·6	0·0	9·1	7·1	92	100	360	4	90	1	10	0⌓	—	4·3	72	o. till 13 h., then fine. ⌓ n.
6	1012·9	1009·2	81·9	76·6	84	74	1·1	0·3	9·8	7·4	86	96	203	2	180	1	10⌓	0	3·3	0·4	71	Dull most of day. ● from 13 h.
7	1011·6	1014·0	79·8	78·6	84	74	1·8	0·0	7·4	9·1	76	100	315	2	225	1	8⌓	10⌓	0·5	2·3	70	c. ● showers. △ noon.
8	1017·5	1010·1	76·6	77·6	86	n 72	0·0	0·2	7·8	8·5	100	98	45	2	45	1	5≡⁰⌓	0⌓	—	9·5	69	≡ early. Sunny till 18 h.
9	1004·4	1002·7	79·1	79·9	82	74	0·4	0·5	8·8	9·1	94	93	135	1	90	3	10	10	0·8	—	71	o. ● shower noon.
10	1003·1	1006·2	79·8	78·7	81	79	0·0	0·0	9·8	9·1	100	100	45	2	45	3	10●⁰	10●⁰	0·5	—	78	o., with ●⁰.
11	1008·8	1012·0	79·4	80·8	83	79	0·0	0·0	9·5	10·5	100	100	45	2	360	3	10≡●⁰	10●⁰	0·3	—	78	o., with occasional ●⁰.
12	1014·4	1013·4	79·1	82·7	87	78	0·1	1·1	9·1	10·2	98	87	360	2	315	1	10	3⌓	—	3·3	78	o. till 14 h., then sunny. ⌓ n.
13	1013·4	1013·4	79·7	78·6	83	76	0·0	0·6	9·8	8·5	100	92	45	2	45	3	10≡⌓	10●⁰	0·3	—	72	≡ early. o. Cold wind n.
14	1017·3	1017·1	78·0	77·7	80	76	1·9	1·9	6·4	6·4	74	74	23	5	360	4	10	9	—	0·8	74	o. Cold wind all day.
15	1014·7	1015·9	79·4	75·9	80	75	0·6	0·1	8·8	7·4	92	97	45	5	45	5	10	10●	x 40·6	—	72	o. ●⁰ a. ● from noon.
16	1014·9	1016·4	74·7	78·0	n 79	74	0·0	0·0	6·8	8·8	100	100	45	2	45	3	10●	10●⁰	16·3	—	72	● all n. and most of day. ●⁰ n.
17	1018·1	1019·6	78·8	78·6	80	78	0·1	0·2	9·1	8·8	98	98	23	2	45	3	10●⁰	10●	4·6	—	76	● most of day.
18	1019·6	1018·3	78·7	74·7	80	75	0·4	0·5	8·5	6·4	94	90	23	5	360	2	10	1	—	1·0	74	● early. o. most of day. ✳
19	1013·2	1011·0	75·8	75·2	n 79	73	1·5	0·1	5·8	7·1	78	98	337	5	360	2	9	10✳	0·8	4·5	71	Occasional ✳.
20	1009·9	1010·1	74·7	76·3	81	n 72	0·1	0·4	6·8	7·1	98	93	360	2	180	2	10	10●⁰	2·0	3·4	71	o. to c. Cold wind.
21	1009·1	1009·9	80·6	79·1	83	76	0·8	1·7	9·5	7·4	90	78	135	3	90	3	10●	7	0·3	1·6	75	● n. and early a. c.
22	1013·3	1014·2	76·8	79·3	86	75	0·5	1·1	7·4	8·1	94	84	23	2	23	1	3⌓	1⌓	—	10·2	72	Fine. ⌓ n.
23	1015·5	1019·4	79·1	81·7	82	75	0·2	1·0	9·1	9·8	98	88	360	1	113	2	10≡●⁰	10	—	—	72	≡ early. o.
24	1019·8	1018·3	75·9	79·2	82	73	0·0	0·1	7·4	9·5	99	98	360	2	360	2	10	10	—	—	71	o. [⌓ n.
25	1017·3	1017·9	81·3	81·3	x 90	79	0·4	0·5	10·2	10·2	94	93	360	3	360	2	10	1⌓	—	7·0	77	● showers n. g. Sunny.
26	1018·1	1020·1	80·2	82·6	x 90	79	0·3	1·0	9·8	10·5	96	88	360	3	360	2	10	0⌓	—	8·2	77	o. to sunny. ⌓ n.
27	1023·0	1023·9	79·8	79·7	x 90	x 80	0·0	0·2	9·8	9·5	100	98	360	3	360	3	10	10	5·3	5·1	77	o. g. to sunny. o. n.
28	1023·4	1023·2	80·3	79·3	81	79	0·7	0·1	9·1	9·1	90	98	360	3	360	4	10	10	0·3	—	78	o., with cold wind.
29	1021·2	1018·2	78·8	79·0	85	78	0·8	0·8	8·1	8·1	89	88	360	4	360	3	10	10	—	4·5	77	o. Sunny from 14 h.
30	1017·3	1022·9	83·0	79·3	86	77	2·7	1·7	8·5	7·4	n 69	77	45	4	45	3	1⌓	10	—	7·2	74	Fine till 13 h., then dull.
Mean	1013·7	1014·4	79·0	78·8	83·6	75·7	0·6	0·6	8·6	8·6	91	92		2·8		2·3	8·5	6·6	81·5	3·00	73·5	
Mean Pressure at Station Level.	1012·0	1012·8																				

x denotes the maximum and n the minimum value in the column.

ARMAGH, **a.c.d.**—APRIL 1918.

Heights above Mean Sea Level :—Rain-gauge Site, $H = 59{\cdot}8$ m. ; Barometer, $H_b = 61{\cdot}6$ m. Heights above Ground :—Therms., $h_t = 1{\cdot}2$ m. Rain-gauge, $h_r = 0{\cdot}30$ m. Cups of Anemometer, $h_a = 15{\cdot}2$ m. Lat. 54° 21′ N. Long. 6° 39′ W. *Time*, Local mean time, 25 m. after Greenwich.

Day.	Air Pressure at Mean Sea Level.		Air Temperature in Degrees Absolute.				Humidity. Depression of Wet.		Humidity. Vapour Pressure.		Humidity. Percentage.		Wind. Veer from North and Force or Speed.				Cloud Amount and Weather.		Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.		9 h.	21 h.				
	millibar.		a. 200+	a. 200+	a. 200+	a. 200+	°	°	millibar.		%	%	°	m/s.	°	m/s.	Tenths of Sky covered.		mm.	hr.	a. 200+	
1	994·9	1001·7	81·8	78·0	85	78	1·5	1·1	9·0	7·3	81	85	315	3	270	2	8	3	0·7	5·8	77	Fine. ▲⁰ 15 h. 30 m.
2	1005·1	1009·8	78·2	76·4	84	74	1·0	0·7	7·5	7·0	87	89	225	3	—	1	1	0	0·4	9·5	72	Very fine.
3	1010·5	1008·4	75·8	76·3	84	n 72	0·2	0·1	7·1	7·6	95	99	—	1	—	1	5	0	—	9·6	n 68	Very fine.
4	1010·1	1014·9	78·7	79·5	82	75	1·1	1·2	7·7	8·1	86	84	90	4	—	1	7	10	0·2	4·6	70	Fine.
5	1014·2	1009·8	81·6	81·7	84	78	0·7	0·5	10·1	10·5	91	94	203	3	225	3	4	3	3·3	0·9	75	o. ● 16 h.
6	1006·1	1009·8	80·1	78·1	84	78	1·0	0·7	8·6	7·9	86	90	270	3	293	3	9	9	2·7	6·6	77	Fine. ● shower 16 h.
7	1014·2	1020·3	79·2	78·6	83	77	1·3	0·8	7·7	8·1	82	90	315	4	337	2	9	10	0·4	1·1	74	Mostly o.
8	1018·3	1003·0	77·9	78·1	81	75	0·7	0·2	7·6	8·6	89	98	—	1	180	6	10	10	x 9·8	—	72	o., with ●.
9	1002·4	1005·1	77·2	77·5	81	75	0·5	0·3	7·5	8·1	93	96	—	1	23	3	10	10	3·8	0·9	75	c.
10	1007·4	1013·5	78·3	79·6	n 80	77	0·5	0·6	8·3	8·9	94	92	45	4	45	4	10	10	2·2	—	77	o., with ●.
11	1015·9	1014·2	80·4	80·8	86	x 79	0·8	0·6	9·1	9·6	89	91	23	4	45	3	7	4	—	7·3	78	Very fine.
12	1013·9	1015·6	79·3	80·2	84	78	0·1	0·6	9·3	9·2	99	92	67	2	—	1	10	7	—	0·1	76	o.
13	1017·3	1022·3	80·3	77·9	81	77	1·4	0·4	8·2	8·1	81	95	360	3	45	4	9	10	2·5	1·6	74	Fine early, then o.
14	1025·0	1024·7	76·8	74·7	n 80	74	2·2	1·1	5·6	5·5	70	79	67	4	67	2	5	7	—	10·4	71	Very fine.
15	1025·0	1025·7	78·1	76·3	83	n 72	1·8	0·6	6·5	7·1	75	92	45	2	—	1	5	0	—	10·5	70	Very fine.
16	1025·7	1026·1	79·8	78·8	86	75	0·6	0·7	9·0	8·2	92	90	23	2	360	2	8	0	—	9·5	69	Very fine.
17	1028·1	1026·7	78·6	78·6	86	74	1·2	0·4	7·6	8·6	85	95	23	4	—	1	9	0	—	10·2	69	Very fine.
18	1027·1	1025·4	79·5	75·2	82	75	1·4	1·1	7·8	5·9	81	81	23	3	360	2	10	7	—	5·8	72	Fine.
19	1021·7	1014·5	77·7	79·7	81	74	1·9	0·9	6·3	8·7	74	88	360	3	360	3	10	10	1·3	—	70	o., with ●.
20	1011·5	1011·8	80·8	76·8	85	77	0·7	0·4	9·4	7·5	90	96	315	3	—	0	10	9	0·9	0·9	73	Mostly o. ●⁰ shower 15 h. and 17 h.
21	1013·5	1013·2	78·5	76·7	81	76	1·6	1·3	7·1	6·4	80	81	67	3	—	1	3	3	—	11·3	72	Very fine.
22	1014·2	1016·2	80·3	78·9	85	76	1·4	1·3	8·2	7·5	81	82	157	3	—	1	8	0	—	7·0	70	Fine.
23	1016·2	1016·2	77·7	80·2	87	n 72	0·5	2·4	7·9	7·1	93	70	—	1	157	2	0	0	—	10·8	69	Very fine.
24	1021·0	1020·6	76·7	81·9	88	n 72	0·7	1·3	7·1	9·3	91	83	—	1	—	1	0	0	—	8·5	69	Very fine.
25	1021·0	1020·6	81·7	85·6	91	75	0·8	2·8	9·9	10·0	89	69	—	1	90	3	0	0	—	11·8	70	Very fine.
26	1021·7	1023·0	84·2	87·0	x 92	77	2·6	3·7	9·3	9·9	71	n62	67	2	203	2	0	0	—	13·3	71	Very fine.
27	1026·4	1027·7	85·0	84·9	x 92	x 79	2·6	3·0	9·8	9·2	71	67	—	1	—	1	1	0	—	12·2	73	Very fine.
28	1027·7	1027·1	84·8	82·4	90	77	2·6	1·7	9·7	9·3	70	80	90	2	67	2	3	1	—	13·1	72	Very fine.
29	1025·4	1021·3	79·3	79·1	84	75	1·7	1·4	7·3	7·6	77	83	67	3	67	3	5	0	—	11·2	71	Very fine.
30	1021·0	1023·3	81·5	79·3	85	75	1·4	1·4	9·1	7·7	83	81	90	4	90	3	7	5	—	8·3	70	Very fine.
Mean	1016·8	1017·1	79·7	79·3	84·6	75·6	1·2	1·1	8·2	8·1	84	86		2·6		2·1	6·1	4·3	28·2	6·77	72·2	
Mean Pressure at Station Level.	1009·1	1009·5																				

DUBLIN (PHŒNIX PARK), **a.c.**—APRIL 1918.

Heights above Mean Sea Level :—Rain-gauge Site, $H = 47{\cdot}3$ m. ; Barometer, $H_b = 48{\cdot}5$ m. Heights above Ground :—Therms., $h_t = 1{\cdot}2$ m. Rain-gauge, $h_r = 0{\cdot}30$ m. Lat. 53° 22′ N. Long. 6° 21′ W. *Time*, Local mean time, 25 m. after Greenwich.

													°	0–12	°	0–12						
1	*996·6*	1003·0	80·3	77·2	85	77	0·7	0·6	9·1	7·4	90	92	270	2	225	2	9	3	0·2	3·2	74	c. ●▲ noon.
2	1006·4	1010·5	80·7	73·5	85	74	1·6	0·2	8·5	6·1	80	97	225	3	—	0	6	0	—	8·3	70	Fine.
3	1009·1	1006·1	80·1	80·6	82	n 70	1·5	1·7	8·1	8·1	81	79	90	3	90	4	8	8	1·7	5·2	n 64	Fine.
4	1008·8	*1014·2*	79·6	77·5	84	76	0·8	1·4	8·8	6·8	89	79	90	3	—	0	10≡	6	—	4·8	76	● a. c.
5	1015·2	1011·5	84·1	78·9	86	76	1·8	0·6	10·5	8·5	80	91	225	1	225	1	8	10●	8·8	0·6	70	o., with ● a. and p.
6	1007·1	1011·5	80·1	78·4	84	76	0·6	1·0	9·1	7·8	93	86	315	3	315	3	9	2	2·6	7·3	74	●² showers a. and p. Fine.
7	1016·2	1021·0	80·2	78·6	83	76	2·0	1·7	7·4	7·1	74	78	315	5	270	2	9	9	—	2·5	73	c.
8	1018·9	1006·8	78·4	78·6	82	76	1·0	0·7	7·8	8·1	87	90	225	1	—	0	10	10●	9·5	—	73	o. ●² p.
9	1002·4	1004·0	77·7	78·4	81	75	0·6	0·6	7·8	8·1	92	92	225	1	—	0	10	10●	x 12·6	—	74	o., with ● a. and p.
10	1006·1	1011·5	78·9	80·1	81	77	0·5	0·6	8·5	9·1	92	93	90	4	45	3	10	10	2·7	—	75	o., with ● a. and p.
11	1014·2	1012·5	79·7	81·7	83	x 79	0·3	0·9	9·5	9·8	95	89	45	5	—	0	10	8	0·3	0·3	76	●⁰ showers a. o.
12	1013·5	1015·2	80·8	80·5	82	x 79	0·6	0·8	9·8	9·1	93	90	45	2	—	0	10≡	10≡	0·4	—	77	≡ a. o. ≡².
13	1016·9	1020·3	79·5	78·4	82	77	1·1	0·7	8·1	8·1	85	91	360	3	360	3	10	10	1·3	—	76	o. ● showers p.
14	1023·7	1023·7	76·7	70·3	n 79	n 70	0·5	0·2	7·4	4·7	92	91	45	4	—	0	10	0	—	3·6	70	c.
15	1024·7	1024·4	77·4	73·8	82	n 70	0·5	0·4	7·8	6·1	92	91	315	1	45	1	10	3	—	7·6	n 64	Fine.
16	1024·7	1025·0	80·8	77·5	84	n 70	0·6	0·9	9·5	7·4	91	87	45	4	45	1	2	1	—	11·4	66	Fine.
17	1026·1	1026·1	80·3	76·9	83	75	0·9	1·6	8·8	6·1	88	77	45	4	45	2	4	2	—	10·6	74	Fine.
18	1025·7	1024·7	79·1	77·3	80	74	2·3	2·6	6·8	5·4	71	66	45	3	45	2	10	4	—	0·1	68	o.
19	1021·3	1013·9	77·8	78·9	82	72	2·8	1·6	5·4	7·1	64	79	45	2	315	3	8	6	0·5	2·9	66	● showers a. c.
20	1011·8	1011·2	81·6	79·3	85	75	1·7	1·6	8·8	7·4	80	79	315	3	315	2	10	10	10·9	0·9	74	o., with ●² a. and p.
21	1013·2	1011·8	74·9	79·9	83	74	0·2	2·4	6·8	6·8	96	69	360	1	—	0	10≡	8	—	9·1	71	●² a. Fine.
22	1014·5	1015·2	81·9	81·2	85	71	3·1	2·2	7·1	7·8	64	74	225	1	—	0	5	4≡	—	11·5	66	Fine.
23	1016·2	1018·9	82·4	81·5	86	71	2·1	2·6	8·8	7·8	74	69	—	0	—	0	0≡	0≡	—	10·9	70	≡ a. Fine.
24	1020·3	1020·6	83·9	76·4	87	n 70	2·2	0·2	9·5	7·4	74	96	90	1	—	0	0≡⁰	0≡⁰	—	10·9	65	≡ a. Fine.
25	1019·6	1020·0	84·3	78·4	89	73	1·9	0·6	10·5	8·1	77	92	315	2	—	0	0≡⁰	1	—	11·4	69	Beautiful day.
26	1020·6	1023·0	85·2	79·4	89	74	2·9	1·5	9·5	7·8	68	79	360	3	—	0	0	3	—	13·1	69	Beautiful day.
27	1026·1	1027·7	85·6	78·1	x 90	74	3·7	0·6	8·8	8·1	n62	92	360	2	—	0	0	1	—	13·2	74	Beautiful day.
28	1027·4	1026·1	86·4	75·7	86	74	3·0	0·4	10·5	6·8	69	94	45	2	—	0	0	0	—	13·4	70	Beautiful day.
29	*1023·7*	1020·3	80·1	74·8	81	73	1·7	0·4	7·8	6·4	78	93	45	4	45	1	9	0	—	8·4	67	Fine.
30	1019·3	1021·3	80·6	81·1	84	74	1·1	1·9	8·8	8·1	86	77	90	3	90	3	10	5	—	8·8	68	Fine.
Mean	1016·3	1016·8	80·6	78·1	83·8	74·1	1·5	1·1	8·5	7·4	82	85		2·5		1·1	6·9	4·8	51·5	6·00	70·8	
Mean Pressure at Station Level.	1010·4	1010·8																				

x denotes the maximum and n the minimum value in the column.

METEOROLOGICAL OFFICE, LONDON,
June 10th, 1918.

DAILY READINGS AT METEOROLOGICAL STATIONS OF THE FIRST AND SECOND ORDERS, 1918.

DEERNESS, ORKNEY, **a.b.c.**—MAY 1918.

Heights above Mean Sea Level :—Rain-gauge Site, $H = 48{\cdot}8$ m. ; Barometer, $H_b = 49{\cdot}7$ m. Heights above Ground :—Therms., $h_t = 1{\cdot}2$ m. Rain-gauge, $h_r = 1{\cdot}2$ m. Cups of Anemometer, $h_a = 4{\cdot}9$ m. Lat. 58° 56′ N. Long. 2° 45′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level.		Air Temperature in Degrees Absolute.				Humidity. Depression of Wet.		Humidity. Vapour Pressure.		Humidity. Percentage.		Wind. Veer from North and Force or Speed.				Cloud Amount and Weather.		Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.		9 h.	21 h.				
	millibar.		a. 200+	a. 200+	a. 200+	a. 200+	°	°	millibar.		%	%	°	m/s.	°	m/s.	Tenths of Sky covered.		mm.	hr.	a. 200+	
1	1030·8	1030·8	76·2	77·8	n 80	n 76	0·4	1·1	7·1	7·2	93	85	247	4	157	7	10●⁰	4	1·1	3·2	No record.	≡⁰ 8 h. ● 9 h.
2	1031·1	1029·1	79·5	78·3	81	n 76	1·7	1·1	7·4	7·5	77	85	146	9	135	7	8	9	—	3·3		Dull, but fair.
3	1027·7	1023·7	79·4	77·8	81	77	1·3	1·0	7·9	7·3	82	86	113	9	101	6	8	3	—	8·7		Dull a., then fine.
4	1021·3	1019·6	81·1	80·6	82	77	1·2	0·8	9·0	9·2	85	90	101	9	90	8	1	9	x 10·2	5·4		Bright a. ≡⁰ after 18 h.
5	1017·3	1019·6	79·8	79·4	81	79	0·9	0·7	8·7	8·7	88	90	113	12	101	7	10	3	0·6	1·9		● 0 h.–8 h. ☈ 8 h. ●⁰ till 18 h.
6	1019·3	1018·3	81·7	80·0	84	79	1·1	0·7	9·6	9·0	86	91	79	9	101	7	4	9	—	4·6		⊕ 7 h.–8 h. Fine to fair.
7	1018·3	1017·9	81·1	80·0	83	80	0·6	0·3	9·9	9·5	93	95	79	8	79	5	9	9≡⁰	—	0·8		Dull, but fair. ≡⁰.
8	1017·3	1016·2	81·1	80·1	82	79	1·1	0·4	9·1	9·4	86	94	113	5	79	4	10	10≡⁰	—	—		Dull. ≡⁰ after 17 h.
9	1014·2	1015·2	81·9	80·2	84	79	0·8	0·2	10·1	9·8	90	97	90	4	79	5	4	10	—	10·8		≡⁰ till 8 h. Fine day. ≡⁰ after 20 h.
10	1019·3	1012·5	82·2	80·0	83	79	1·6	0·6	9·3	9·2	81	93	90	5	135	9	6	10●	7·5	9·5		⌓. Fine a. ● after 20 h.
11	1009·1	1007·4	82·2	80·0	82	79	0·5	0·2	10·8	9·7	94	97	236	2	113	4	9	10●	2·4	0·5		≡ during day. ● after 20 h.
12	1004·4	999·3	80·4	80·1	81	79	0·4	0·1	9·7	10·0	95	100	34	3	34	2	10●⁰	10≡	4·7	—		Dull a. ● 15 h.–20 h., then ≡².
13	996·3	999·6	80·6	80·6	83	79	0·4	0·4	9·8	9·8	94	94	191	7	146	7	10●⁰	9≡⁰	—	7·6		●⁰ till 10 h. Fine. ≡⁰ after 19 h.
14	1000·7	1003·4	82·4	80·6	83	80	0·8	0·4	10·6	9·8	90	94	157	4	157	3	6	5	1·6	5·0		Fair to fine.
15	1003·7	1006·4	82·1	81·7	84	80	0·3	0·4	7·6	10·5	96	95	157	9	169	4	10●	9	2·8	—		● 7 h.–11 h. o. and ≡⁰ p.
16	1009·1	1011·5	84·0	82·2	85	81	1·2	1·1	11·1	9·9	85	86	180	7	169	4	8	7	—	1·0		Fair. ⊕ 18 h.–20 h.
17	1012·2	1009·5	86·1	82·8	88	81	1·7	0·7	12·2	10·9	81	92	146	3	124	4	3	7≡⁰	—	8·4		Fine all day. ≡⁰ after 18 h.
18	1013·5	1019·3	84·6	83·6	89	81	2·3	1·3	9·9	10·6	74	84	247	10	—	1	0	1	—	8·7		Very fine.
19	1020·6	1023·7	88·3	83·9	x 90	81	2·6	1·7	12·6	10·4	73	80	180	3	—	1	3	8	—	8·4		Very fine.
20	1020·6	1017·6	84·4	84·4	87	81	1·7	1·7	10·8	10·8	80	80	169	6	—	1	10	3	—	0·4		Mostly dull.
21	1020·0	1020·3	84·4	81·4	86	81	1·9	0·3	10·5	10·5	77	96	304	6	79	5	9	10	2·9	0·7		Fair. ● 10 h.–13 h.
22	1019·6	1016·6	82·2	82·2	84	81	0·0	0·2	11·6	11·3	100	97	90	6	113	5	10≡²	10≡⁰	—	—		≡² till 13 h., then ≡⁰.
23	1012·2	1013·9	85·0	83·7	87	x 82	1·1	0·9	12·1	11·4	86	89	135	5	—	1	2	6	—	7·2		Fine to very fine.
24	1016·9	1018·6	85·7	83·3	89	81	1·1	0·2	12·6	12·2	88	98	326	3	304	5	8	10≡⁰	—	3·3		☈ 6 h.–7 h. ≡⁰ after 20 h.
25	1018·9	1021·0	84·4	82·7	87	x 82	1·1	0·4	11·7	11·3	87	94	315	4	304	7	6	10≡⁰	—	1·0		Fair a. ≡⁰ after 20 h.
26	1025·4	1026·4	85·6	81·1	87	81	3·3	0·7	9·3	9·8	n65	92	315	6	124	2	4	1	—	12·5		Very fine all day.
27	1024·7	1024·7	85·0	82·8	88	81	2·2	1·1	10·4	10·5	75	87	259	2	225	2	9	6	2·4	2·2		Fine a. ●⁰ to fair.
28	1024·4	1026·4	84·7	82·8	88	81	2·3	1·6	10·0	9·7	73	82	270	8	180	2	1	4	—	12·8		Fine all day.
29	1024·0	1023·7	86·7	82·8	x 90	80	3·2	1·1	10·4	10·4	67	86	225	7	270	5	4	7	1·2	7·8		Fine a. ●⁰ afternoon.
30	1026·1	1029·8	83·8	82·2	86	81	2·4	1·6	9·2	9·3	73	81	259	8	281	5	6	8	0·3	10·3		Fine all day.
31	1030·8	1031·1	81·1	82·8	87	81	0·3	0·4	10·3	11·4	96	95	180	3	293	3	10●⁰	7	—	1·5		●⁰ a. ≡ and ≡⁰ 10 h.–14 h.
Mean	1017·7	1017·8	82·8	81·4	84·9	79·8	1·3	0·8	10·0	9·9	84	90		6·0		4·5	6·7	7·2	37·7	4·76		
Mean Pressure at Station Level.	1011·6	1011·7																				

ABERDEEN, **a.c.e.**—MAY 1918.

Heights above Mean Sea Level :—Rain-gauge Site, $H = 14{\cdot}0$ m. ; Barometer, $H_b = 26{\cdot}8$ m. Heights above Ground :—Therms., $h_t = 12{\cdot}5$ m. Rain-gauge, $h_r = 0{\cdot}61$ m. Cups of Anemometer, $h_a = 21{\cdot}9$ m. Lat. 57° 10′ N. Long. 2° 6′ W. *Time*, Greenwich mean time.

																			0 h. to 24 h.			
1	1030·8	1031·5	78·8	78·2	n 80	n 74	2·6	2·4	6·1	6·0	67	68	90	3	135	5	1	8	—	11·1	n 72	Fine to c.
2	1032·1	1029·7	80·8	78·8	81	78	2·9	1·0	6·8	7·9	65	86	157	6	135	3	7	10	0·4	2·3	76	c. to dull. ●⁰.
3	1026·9	1023·2	80·2	78·7	81	78	1·6	1·1	8·0	7·7	79	84	135	5	135	5	6	8	—	11·1	78	c. to fair.
4	1019·4	1014·8	80·0	80·2	82	78	1·0	0·8	8·6	9·0	86	89	90	7	113	6	10	10●	2·0	—	75	Dull. ●⁰ n.
5	1016·1	1017·3	79·5	79·7	n 80	79	0·0	0·9	9·7	8·5	100	87	135	3	67	3	*10*≡⁰	10●	1·0	—	79	≡² to dull, with ≡⁰. ●⁰.
6	1016·2	1016·7	79·7	79·6	n 80	79	0·8	0·5	8·7	9·0	89	93	45	5	113	2	10●	10●	x 18·6	—	79	Dull, with ●≡⁰.
7	1017·1	1017·2	80·4	79·8	82	79	0·9	0·7	9·0	8·9	88	90	67	3	—	1	10	10	3·2	0·8	79	● to dull, then c.
8	1017·4	1015·8	81·5	79·9	82	78	1·6	0·5	8·7	9·2	79	93	23	2	—	1	10⊕	10	—	0·2	77	Dull to c. ⊕ 9 h.
9	1014·1	1014·8	80·5	79·9	82	77	0·7	0·5	9·3	9·2	90	93	113	2	—	1	0≡⁰	0⌓≡⁰	—	9·4	77	Dull to ≡⁰, then fine. ⌓ n.
10	1016·0	1014·6	81·4	81·0	82	n 74	1·5	1·6	8·7	8·4	80	79	67	2	180	2	0	10	0·6	11·5	73	Fine, with ⌓². ≡⁰ to c. ⊕
11	1010·5	1006·8	80·5	79·8	82	79	0·3	0·7	9·9	8·9	96	90	—	1	157	2	10●≡⁰	10	12·6	—	79	Dull, with ●≡⁰ a.
12	1003·9	999·7	81·2	81·1	83	79	1·4	1·0	8·8	9·3	82	86	23	2	—	1	10	8	—	0·6	77	c. to dull. ●⁰ a.
13	998·5	1000·7	83·5	80·8	84	80	1·4	0·8	10·5	9·4	83	89	157	3	180	2	4	8	—	2·1	76	c. and ∞⁰ to dull.
14	1001·3	1004·9	83·8	83·9	87	78	2·0	2·0	9·8	9·8	76	76	—	1	203	2	6	4	—	5·5	76	Fine to c. ⌓, ≡⁰, and parhelion.
15	1006·5	1009·8	85·3	83·8	88	81	1·7	1·3	11·3	10·8	80	84	180	5	180	2	9	8	—	0·8	77	c. to dull.
16	1012·1	1014·3	84·3	83·7	89	82	0·5	1·0	12·5	11·1	94	87	180	2	—	1	9≡⁰	4	0·4	2·7	80	Dull, with ≡⁰. ●⁰ to fair.
17	1013·7	1011·7	88·2	86·8	90	81	2·8	1·8	12·2	12·5	71	80	—	1	180	3	8	2	1·0	7·7	76	c. and ∞⁰ to fair. ☈ 17 h. 30 m.
18	1016·1	1020·0	87·7	83·6	91	82	3·2	1·9	11·1	9·8	67	77	113	3	—	1	0	0	—	13·7	78	Fine all day.
19	1021·9	1024·5	91·4	86·2	93	81	4·7	3·1	12·0	10·1	57	67	180	2	—	1	2	9	—	8·4	77	Fine to dull.
20	1022·8	1019·6	89·1	89·6	91	83	3·8	4·8	11·5	10·5	63	56	180	3	247	2	9	10	—	4·9	79	Fair to dull. ∞⁰.
21	1020·1	1019·5	90·5	83·8	92	83	3·8	0·9	12·7	11·3	64	88	203	2	—	0	9	8	2·4	1·6	80	⊕ 7 h. Fair to dull. ●⁰.
22	1019·0	1016·5	87·0	84·5	94	82	2·0	0·8	12·4	12·1	78	90	113	2	—	0	5	7	1·8	5·2	79	Fair to c., with ⊕, then ●.
23	1011·4	1011·9	85·6	84·9	87	83	2·1	1·2	11·0	11·7	76	85	90	2	360	2	10	10	0·4	2·8	79	Dull to fair. ●⁰ T.
24	1016·2	1018·9	87·6	85·5	89	x 85	2·3	1·1	12·4	12·5	75	87	315	8	315	3	9	10	0·2	1·7	84	Fair to dull, with ●⁰.
25	1019·5	1021·5	86·0	84·4	87	84	1·6	1·3	12·0	11·2	81	84	—	1	—	0	10	10	0·2	1·5	84	Dull to c. ●⁰.
26	1025·5	1027·5	84·9	83·2	88	82	3·5	2·2	8·6	9·0	62	73	315	6	—	1	4	0	0·2	13·0	82	c. to fine.
27	1026·1	1025·8	89·2	85·0	91	82	6·2	1·9	8·4	10·8	n46	78	—	1	315	3	8	4	1·9	7·1	77	Fine to c. ●⁰⌒.
28	1029·8	1029·3	86·1	85·0	89	82	4·3	3·2	8·6	9·1	57	65	337	5	180	3	6	6	—	11·5	76	Fine to fair. q. ⊕ evening.
29	1026·7	1025·8	89·3	87·5	x 95	80	4·1	3·6	11·2	10·5	61	64	180	3	—	1	0	9	0·1	13·0	75	Fine to c. ; gusty.
30	1028·1	1031·3	83·5	84·6	86	83	0·8	1·6	11·4	11·0	90	81	90	2	—	1	10	8	—	0·2	83	Dull, with d.
31	1031·5	1032·3	86·4	84·8	90	82	2·0	1·1	11·7	11·8	77	86	113	2	—	1	4	1	—	9·0	83	Fair to fine.
Mean	1018·3	1018·3	84·3	82·8	86·3	80·3	2·2	1·5	10·1	9·9	76	82		3·1		2·0	6·6	7·2	47·0	5·13	78·1	
Mean Pressure at Station Level.	1015·0	1015·0																				

Corresponding Normal Values are referred to thus:—**a.** Appendix IV., "Weekly Weather Report," 1913 ; **b.** Appendix I., "Meteorological Observations at Stations of the Second Order," 1891 ; **c.** "Temperature Tables of the British Islands," 1871–1900 ; **d.** "Rainfall Tables of the British Islands," Part I., 1866–1880. Part II., 1881–1890 ; **e.** "Hourly Values," *Geophysical Section*, 1912.

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FORT WILLIAM, INVERNESS-SHIRE, **a.c.**—MAY 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 52·1 m. ; Barometer, H_b = 11·6 m. Heights above Ground :—Therms., h_t = 1·2 m.
Rain-gauge, h_r = 0·30 m. Lat. 56° 49′ N. Long. 5° 7′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level. 9 h.	Air Pressure at Mean Sea Level. 21 h.	Air Temperature in Degrees Absolute. 9 h.	Air Temperature 21 h.	Max.	Min.	Humidity. Depression of Wet. 9 h.	Depression of Wet. 21 h.	Vapour Pressure. 9 h.	Vapour Pressure. 21 h.	Percentage. 9 h.	Percentage. 21 h.	Wind. Veer from North and Force or Speed. 9 h.	Wind. 21 h.	Cloud Amount and Weather. 9 h.	Cloud Amount and Weather. 21 h.	Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		a. 200 +	a. 200 +	a. 200 +	a. 200 +	°	°	millibar.		%	%	° 0–12	° 0–12	Tenths of Sky covered.		mm.	hr.	a. 200 +	
1	1028·4	1027·7	79·5	78·4	*n* 81	*n* 75	3·9	3·2	5·2	5·4	*n* 53	61	180 2	135 4	10	7	—			Sun and cloud. *⁰ showers.
2	1027·7	1026·1	80·9	80·8	85	77	3·5	2·9	6·3	6·9	59	66	135 3	135 2	9	0∞	—			Fine. q.
3	1021·7	1018·3	82·3	81·3	85	76	3·2	2·8	7·4	7·2	63	67	135 2	135 2	9	9	—			Fine. q.
4	1016·2	1011·8	82·8	81·0	85	80	3·2	0·9	7·7	9·3	64	88	45 3	45 3	10	10●⁰	0·8			Dull and c. ●⁰ showers after 16 h.
5	1012·8	1012·8	81·9	84·7	90	80	1·1	2·2	9·7	10·1	86	74	225 1	135 4	10	10	0·3			Fine and sunny.
6	1011·2	1011·5	81·9	81·9	86	80	2·0	1·0	8·5	9·8	75	87	45 4	90 2	10	10●⁰	0·5			Dull, with ●⁰ showers.
7	1014·2	1013·9	86·3	84·7	91	81	3·2	2·2	10·1	10·1	66	74	— 0	— 0	6	10●⁰	0·5			Fine, mild, and sunny. ●⁰ 21 h.
8	1014·9	1013·9	83·8	83·0	87	82	2·9	2·2	8·7	9·0	68	74	— 0	— 0	10	10	—			Dull and c. ●⁰ showers *p*.
9	1012·8	1011·8	85·2	85·2	93	81	2·8	3·1	9·8	9·4	69	67	— 0	— 0	10	6∞	—			Very fine and sunny.
10	1013·9	1012·5	85·8	81·9	92	78	3·3	0·3	9·5	10·8	65	96	— 0	225 1	1	10●	8·9			Fine till 13 h., then dull. ● after 17 h.
11	1009·1	1006·4	82·2	81·2	84	81	0·4	1·4	7·6	8·8	95	81	225 1	225 1	10●	10	4·1	No record.	No record.	●⁰≡⁰. Fair *p*.
12	1004·4	1000·3	81·9	81·7	88	78	1·5	1·5	9·1	9·0	81	81	— 0	— 0	10	10	6·1			Sun and cloud. ● showers.
13	997·6	999·3	84·1	81·7	89	79	2·2	2·1	9·7	8·3	74	75	270 2	225 1	4	8	—			Fine and sunny.
14	1001·7	1002·7	83·6	82·9	88	76	1·7	0·8	10·1	10·8	80	90	225 2	225 1	10	10●	*x* 16·8			Fine and sunny; dull *p*. ● after 20 h.
15	1004·0	1007·1	83·6	83·4	86	82	0·6	0·7	11·8	11·5	93	92	225 2	— 0	10●	8	10·2			Dull, with ●≡ all day.
16	1009·5	1012·5	84·7	83·9	87	81	1·8	0·3	10·8	12·4	78	96	225 2	— 0	10●	10●⁰≡⁰	4·1			Generally showery, with ≡⁰.
17	1011·8	1010·5	88·0	86·3	94	82	1·7	1·7	13·7	12·4	82	81	— 0	— 0	6∞	10	—			Fine and sunny. Dull evening.
18	1016·2	1019·3	87·4	84·1	91	81	2·9	1·4	11·4	10·9	70	83	270 3	— 0	2	2	—			Fine, clear, and sunny.
19	1022·3	1023·7	87·2	84·7	90	83	2·6	2·4	11·7	9·9	73	73	225 2	225 1	10	1	—			Fine, clear, and sunny.
20	1020·6	1018·9	89·2	87·4	90	82	2·5	2·9	13·5	11·4	75	70	270 2	225 1	6	9	0·5			Fine and sunny. Dull evening.
21	1018·3	1016·9	86·9	84·7	90	85	1·1	0·7	13·7	12·5	87	92	— 0	135 1	10●⁰	2	11·4			● showers. ∞. T 24 h.
22	1016·9	1011·5	89·4	92·4	*x* 97	82	1·6	4·4	15·3	13·4	83	60	— 0	135 4	4	4	9·1			⚡ 18½ h.–19½ h. ⚡ 22 h.–23 h.
23	1009·8	1013·5	88·0	86·4	93	*x* 86	0·6	0·7	15·8	14·1	94	92	— 0	270 2	10●⁰≡⁰	10●⁰≡⁰	3·3			g., with ●≡⁰.
24	1018·9	1020·3	87·3	84·1	88	84	1·6	2·2	13·4	9·7	82	74	— 0	225 1	10	1	—			Hill ≡ at first; fair to fine.
25	1019·6	1021·3	84·9	84·4	87	80	1·2	1·3	11·9	11·3	86	84	225 1	45 1	10	10●⁰	1·0			Fine till 10½ h., then showery.
26	1025·7	1026·1	87·4	83·9	93	81	4·3	1·6	9·5	10·5	58	81	— 0	— 0	1	9	—			Very fine, clear, and sunny.
27	1027·1	1025·7	85·8	84·1	90	81	2·9	1·8	10·1	10·3	69	78	270 3	315 2	2	10●⁰	0·5			Fine till 15 h., showery later.
28	1031·1	1030·5	88·0	86·4	92	81	3·9	0·7	10·5	14·1	61	92	270 1	270 3	8	1	—			Very fine, clear, and sunny.
29	1028·4	1027·1	86·7	84·2	89	81	2·0	0·6	12·1	12·3	77	93	270 3	225 3	10	10●⁰≡⁰	3·6			Fine till 18 h., then ●⁰≡⁰.
30	1028·1	1030·8	85·8	85·2	89	84	0·6	0·6	13·6	13·2	93	93	225 2	— 0	10	10	0·3			Dull, but fair; hill ≡.
31	1031·8	1031·8	87·4	85·7	93	84	1·6	2·7	13·5	10·3	82	71	270 2	— 0	8	1	—			Very fine, clear, and sunny.
Mean	1017·0	1016·7	85·2	83·9	89·1	80·8	2·2	1·7	10·7	10·5	76	80	1·4	1·3	7·9	7·4	82·0			
Mean Pressure at Station Level.	1015·6	1015·3																		

DOUGLAS, ISLE OF MAN, **a.**—MAY 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 84·5 m. ; Barometer, H_b = 86·6 m. Heights above Ground :—Therms., h_t = 1·2 m.
Rain-gauge, h_r = 0·30 m. Lat. 54° 10′ N. Long. 4° 28′ W. *Time*, Local mean time, 20 m. after Greenwich.

1	1026·1	1026·7	79·9	79·7	*n* 81	*n* 77	1·7	0·6	7·8	9·1	76	92	113 6	135 3	4	10	0·3	3·2	76	c. to o. q.
2	1028·1	1024·7	79·7	81·6	84	78	0·6	0·8	9·1	9·8	92	89	113 2	157 6	10	10	—	4·5	77	o. c. to q. after 16 h.
3	1018·6	1015·2	81·9	81·3	84	79	1·1	0·4	9·8	10·5	86	95	90 6	113 7	7	10●	*x* 21·1	3·6	78	c. q. d. after 16 h. ● from 21 h.
4	1011·8	1013·5	80·8	80·2	82	80	0·0	0·0	10·5	10·2	100	100	113 1	270 1	10≡⁰	10	0·3	—	79	o.
5	1012·8	1008·4	84·4	80·9	89	79	1·4	0·1	11·2	10·5	83	98	113 2	67 5	4	8	1·0	9·3	76	Very fine till 17 h., then c.
6	1006·1	1010·1	81·9	81·1	83	80	0·0	0·3	11·5	10·2	100	96	67 2	180 1	10	8●	0·3	—	79	● showers *a*. o. till 20 h.
7	1012·8	1013·5	83·9	83·0	89	79	0·9	0·0	11·5	12·2	88	100	135 1	67 1	8	10●	2·8	4·0	*n* 75	c., with bright intervals.
8	1014·2	1014·2	83·7	83·3	89	81	1·5	2·7	10·5	8·5	81	69	67 2	337 2	10	0	—	7·6	81	● early. o. to c. *a*. Very fine *p*.
9	1012·8	1011·5	86·3	85·4	90	80	2·7	3·8	10·8	8·8	70	61	135 1	360 2	0∞	0	—	11·5	77	⌓ *a*. Very fine.
10	1013·9	1013·9	84·9	83·6	88	81	4·7	3·0	7·4	8·5	*n* 53	67	67 2	— 0	0	0⌓	—	13·0	78	⌓ *a*. and *p*. Very fine.
11	1011·5	1007·8	83·0	80·5	86	80	1·2	0·8	10·2	9·1	85	89	270 2	293 1	10	8	1·5	2·5	77	⌓ *a*. o. c., with d. after 11 h. ⌒
12	1005·7	1003·0	81·1	81·3	85	78	1·4	1·0	8·8	9·5	82	87	315 3	225 2	8	10	2·5	9·6	76	Bright till 17 h. q. at times.
13	997·3	1001·0	80·2	81·9	84	80	0·0	0·6	10·2	10·5	100	93	135 2	270 1	10●≡	8	0·3	0·4	80	≡● *a*. o. c.
14	1004·7	1006·4	83·6	82·2	85	78	1·2	0·0	10·8	11·5	86	100	225 2	180 2	8	10≡	0·3	1·4	*n* 75	⌓ *a*. c. to o. ≡ after 17 h.
15	1008·3	1011·2	83·0	83·0	86	82	0·3	0·0	11·9	12·2	97	100	203 3	203 5	10	10	0·5	0·8	82	≡●⁰ early. o. c. q.
16	1013·5	1014·2	83·6	84·1	87	82	0·6	1·1	11·9	11·5	93	86	157 1	270 1	10	4⌓	—	3·2	82	o. c. till 16 h., then very fine.
17	1013·2	1014·9	87·4	83·0	90	83	4·4	0·8	9·5	10·8	57	90	135 1	203 1	2∞	2⌓	—	12·0	81	Very fine.
18	1019·6	1023·0	87·4	82·4	89	81	3·0	0·5	11·2	10·8	69	93	225 2	270 1	2	8⌓	—	14·4	79	⌓ *a*. and *p*. Very fine.
19	1026·4	1026·4	82·2	83·0	89	81	0·0	1·0	11·5	10·5	100	87	225 1	270 1	10≡	0⌓	—	4·8	81	≡² till 11 h., then c. to bright.
20	1024·4	1022·7	85·8	84·7	90	81	2·2	1·7	11·2	10·8	75	80	135 1	90 1	8	7⌓	1·3	9·4	79	⌓ *a*. and *p*. Fine.
21	1019·6	1019·3	89·4	85·8	92	*x* 84	2·2	0·6	14·2	13·5	77	93	135 2	270 1	7	6⌓	—	9·6	82	●⁰ showers before 7 h. Fine.
22	1017·9	1014·2	89·7	86·9	*x* 94	83	1·7	0·6	15·6	14·6	82	93	157 2	157 1	8∞	7	19·1	6·6	82	Mostly fine. ⚡ 16 h. ● later.
23	1010·5	1014·9	83·8	83·0	87	82	0·4	1·7	12·2	9·8	95	80	270 4	315 8	10	10	14·0	—	84	⚡● before 7 h. o. q.
24	1019·3	1022·0	84·1	83·6	89	82	2·2	0·5	9·8	11·9	74	94	315 6	315 1	7	7⌓	—	5·0	81	c. q. till 14 h., then fine.
25	1021·7	1021·3	86·9	82·2	87	82	2·0	0·3	12·2	11·2	78	96	270 2	315 4	8	10●	7·6	0·5	79	⌓² *a*. c. to o. ● 11 h.–23 h.
26	1024·7	1027·7	84·4	84·4	89	82	0·8	0·7	11·9	12·2	89	91	45 1	270 1	10	8⌓	—	4·0	81	o. c. till 15 h., then fine.
27	1028·8	1000·5	87·3	83·6	90	81	2·2	1·4	12·5	10·5	77	83	225 1	360 2	10	7	—	3·2	79	c., with bright intervals.
28	1033·2	1032·8	84·9	83·0	89	81	1·8	1·1	10·8	10·5	78	86	315 3	315 1	8	3⌓	—	10·0	79	c. *a*. to fine.
29	1031·8	1030·1	89·1	84·9	91	81	2·8	1·9	12·9	10·8	72	77	225 2	270 1	0∞	3	—	14·7	78	Very fine.
30	1031·5	1032·5	88·0	84·9	92	81	3·2	0·8	11·5	12·5	68	89	135 1	315 1	0∞	0⌓	—	14·7	80	Very fine.
31	1033·2	1033·2	90·2	87·1	93	83	3·0	2·4	13·5	11·9	70	74	135 1	337 1	3∞	0⌓	—	15·0	80	Very fine.
Mean	1017·9	1018·1	84·6	83·1	87·8	80·7	1·7	1·0	11·1	10·8	82	88	2·2	2·1	6·8	6·2	72·9	6·42	79·1	
Mean Pressure at Station Level.	1007·3	1007·5																		

x denotes the maximum and *n* the minimum value in the column.
Temperatures at or below the normal freezing-point of water are printed in small type.

SHREWSBURY, SHROPSHIRE.—MAY 1918.

Heights above Mean Sea Level :—Rain-gauge Site H = 57·9 m. ; Barometer, H_b = 64·7 m. Heights above Ground :—Therms., h_t = 1·2 m.
Rain-gauge, h_r = 0·30 m. Lat. 52° 43′ N. Long. 2° 45′ W. *Time*, Local mean time, 10 m. after Greenwich.

Day.	Air Pressure at Mean Sea Level. 9 h.	Air Pressure at Mean Sea Level. 21 h.	Air Temperature in Degrees Absolute. 9 h.	Air Temperature 21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	Dep. of Wet. 21 h.	Vapour Pressure. 9 h.	Vapour Pressure. 21 h.	Percentage. 9 h.	Percentage. 21 h.	Wind. Veer from North and Force or Speed. 9 h.	Wind. 21 h.	Cloud Amount and Weather. 9 h.	Cloud Amount and Weather. 21 h.	Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		a. 200 +	a. 200 +	a. 200 +	a. 200 +	°	°	millibar.		%	%	° 0–12	° 0–12	Tenths of Sky covered.		mm.	hr.	a. 200 +	
1	1024·6	1025·9	79·5	80·7	*n* 82	77	2·1	2·3	7·1	7·5	73	73	90 5	135 1	10	10●⁰	0·3		76	Dull, with cold wind.
2	1027·2	1024·0	80·1	82·3	86	77	1·4	1·2	8·1	9·9	81	84	157 1	157 2	10	10	—		77	o. all day.
3	1019·8	1013·0	84·2	84·6	89	78	2·8	0·0	9·1	13·5	69	100	113 3	113 3	8	10●	8·2		75	c. and cold. ● from 19 h.
4	1011·6	1013·6	82·8	83·2	89	81	0·2	1·1	11·7	10·7	97	87	225 2	— 0	10	2	—		81	≡ *a*. Fine *p*.
5	1010·4	1005·5	84·8	83·8	91	77	1·1	0·1	11·8	12·7	85	98	— 0	— 0	9	10●	2·7		74	o. all day. ● from 21 h.
6	1005·3	1009·5	83·8	86·8	91	81	0·4	1·9	12·3	12·3	95	78	135 1	— 0	10	10	—		81	Fine.
7	1010·9	1010·9	84·1	83·0	87	81	0·8	0·2	11·9	12·0	90	98	247 2	— 0	10	10	4·2		77	Fine *a*. ● 13 h.–19 h.
8	1012·3	1013·2	85·6	83·3	91	80	2·6	2·1	10·3	9·3	71	76	315 2	— 0	8	3	—		79	Fine and warm.
9	1012·5	1010·2	84·0	84·7	92	*n* 75	2·4	1·7	9·3	10·9	72	80	— 0	— 0	0	0	—		*n* 72	Fine and warm.
10	1012·3	1013·4	86·7	83·3	92	78	3·5	0·7	9·9	11·4	64	91	315 1	— 0	0	4	—		75	≡⁰ early to fine, bright, and warm.
11	1012·7	1008·4	86·8	81·9	93	76	3·2	0·4	10·4	10·7	66	95	135 2	— 0	0	7	3·6	No record.	*n* 72	Fine *a*. ● 19 h.
12	1004·9	1005·3	83·3	81·3	86	80	1·9	1·2	9·7	9·1	78	85	270 3	315 3	7	10	3·6		76	● showers.
13	998·2	1001·0	83·9	83·4	89	79	0·7	1·1	11·8	10·8	91	87	203 4	— 0	10	4	0·3		79	Fine all day.
14	1004·6	1007·7	87·3	85·1	89	81	2·9	0·4	11·3	13·2	70	94	270 4	225 2	9	10	0·3		77	Fair.
15	1010·0	1012·8	86·4	86·1	87	84	1·8	0·8	12·1	13·6	79	91	225 2	203 2	10	10	0·8		84	Fair.
16	1014·3	1013·6	88·2	89·1	96	84	1·8	1·3	13·8	15·6	81	86	203 3	— 0	7	2	—		82	⌓². Fine and warm.
17	1013·2	1014·8	93·6	88·1	99	82	3·4	1·6	16·5	14·0	68	83	— 0	203 3	3	8	0·9		79	⌓². Fine *a*. T 14 h.–16 h. ● showers from 16 h.
18	1019·0	1022·3	88·3	86·9	95	81	2·8	2·1	12·2	12·2	71	77	270 2	293 1	2	2	—		80	Fine and warm.
19	1025·5	1025·6	90·1	87·0	97	79	3·7	1·3	12·5	13·4	65	85	315 3	315 2	1	0	—		76	⌓². Fine and bright.
20	1024·9	1021·5	89·7	90·2	99	80	1·8	1·6	15·2	16·0	81	82	225 2	— 0	5	7	—		77	⌓². Mostly fine. T 20 h.
21	1020·0	1018·7	95·2	91·5	*x* 101	85	4·0	1·1	17·1	18·6	64	88	180 2	— 0	5	3	0·6		82	Fine *a*. T●⁰ 15 h.–16 h.
22	1018·5	1013·8	97·6	88·3	*x* 101	*x* 87	4·7	0·0	18·6	17·2	*n* 61	100	203 2	157 2	3	10	*x* 38·5		84	⚡●² 14 h.–24 h. ▲ 20 h.
23	1011·7	1015·0	84·8	83·0	89	82	0·8	0·0	12·4	12·2	91	100	270 3	293 5	10●	10●	13·2		83	● nearly all day. T 10 h.
24	1018·8	1021·8	85·1	86·3	91	82	2·2	1·1	10·5	13·2	75	87	293 5	— 0	9	4	—		82	Fine from noon.
25	1021·4	1020·1	89·4	85·9	93	82	1·7	0·5	15·0	13·8	81	93	315 3	— 0	3	10	3·0		81	⌓². Fine.
26	1022·5	1026·2	84·4	84·9	89	83	0·0	0·5	13·4	13·0	100	93	293 2	— 0	10●⁰	10	0·2		79	Dull and o.
27	1028·6	1029·2	88·0	85·9	93	77	2·4	1·1	12·6	12·9	75	88	360 1	— 0	5	2	—		75	Heavy mist early to fine.
28	1031·4	1032·0	86·3	83·9	90	81	2·3	0·7	11·4	11·7	74	90	315 5	— 0	8	2	—		80	o. to fine.
29	1032·4	1029·9	88·1	86·3	95	78	2·8	0·8	12·1	13·7	71	90	360 1	— 0	0	0	—		74	Fine all day.
30	1030·4	1031·2	91·0	87·2	97	79	3·7	1·8	13·2	12·8	64	80	337 2	337 1	3	2	—		75	Fine and bright.
31	1032·0	1031·8	90·3	87·7	97	79	3·4	1·4	13·1	14·1	66	85	— 0	— 0	2	0	—		75	≡⁰ early to fine and warm.
Mean	1017·5	1017·5	86·9	85·3	92·2	80·2	2·2	1·0	12·2	12·6	76	88	2·2	0·9	6·0	5·9	80·4		78·0	
Mean Pressure at Station Level.	1009·7	1009·7																		

CAMBRIDGE, **a.**—MAY 1918.

Heights above Mean Sea Level :—Rain-gauge Site H = 12·8 m. ; Barometer, H_b = 13·1 m. Heights above Ground :—Therms., h_t = 1·2 m.
Rain-gauge, h_r = 0·30 m. Lat. 52° 12′ N. Long. 0° 8′ E. *Time*, Greenwich mean time.

	8 h.	20 h.	8 h.	20 h.			8 h.	20 h.	8 h.	20 h.	8 h.	20 h.	8 h.	20 h.	8 h.	20 h.	8 h.			
1	1024·9	1027·5	79·2	79·1	*n* 83	77	0·8	2·1	8·5	6·8	89	72	67 3	90 2	9	10	—	0·2	75	Mostly o., with cold wind.
2	1027·6	1026·5	81·3	82·0	86	79	1·2	1·7	9·1	9·1	85	79	90 2	90 2	10	4	—	—	78	o., with cool wind.
3	1021·8	1015·4	82·4	84·7	89	*n* 76	1·1	1·8	10·2	10·8	86	79	67 2	135 1	5⌓	10	11·2	4·2	*n* 72	Fine, with sunny intervals.
4	1011·0	1013·8	84·8	85·8	91	81	0·4	0·6	13·2	13·5	96	93	225 1	90 1	10	5⌓	—	4·6	79	● *n*. and early *a*. Bright *p*.
5	1009·3	1004·9	84·0	82·7	86	79	0·9	0·0	11·5	12·2	88	100	45 4	45 1	10⌓²	10●	3·8	—	76	o. all day. ● from 11 h
6	1007·3	1009·6	84·2	87·7	92	82	0·6	1·9	12·2	13·2	92	78	203 1	337 1	10	8⌓	—	4·0	81	Sunny intervals.
7	1008·5	1007·3	82·1	81·9	88	80	0·0	0·6	11·5	10·5	100	93	360 3	337 3	10	3⌓	0·3	—	78	o. all day.
8	1009·6	1011·4	84·1	82·4	92	80	2·0	0·7	9·8	10·8	76	91	23 3	360 2	1⌓	0⌓	—	13·0	78	Beautiful day.
9	1011·7	1010·2	83·3	83·7	91	77	1·6	1·8	10·2	10·2	81	79	360 2	360 2	1⌓	0⌓	—	11·6	75	Beautiful day.
10	1012·4	1013·3	79·7	84·3	87	79	0·9	2·1	8·8	10·2	88	75	360 3	23 1	10⌓	0	—	4·5	76	Mostly o. ≡⌓ *n*.
11	1014·2	1006·9	78·1	83·7	91	77	0·0	0·7	8·8	11·9	100	92	— 0	180 2	10≡⌓	10⌓	3·0	6·8	74	≡⌓² early to sunny.
12	1005·0	1005·2	82·6	82·0	87	79	0·3	1·1	11·5	9·8	97	86	270 2	— 0	10●	7	2·5	5·7	76	● *n*., and early to fine.
13	1001·8	1001·3	81·8	82·4	88	79	3·1	0·4	7·1	11·2	65	94	135 3	— 0	10●	5	9·1	0·7	77	● *a*. Mostly o.
14	1006·6	1010·9	84·1	85·8	91	77	0·9	1·6	11·9	11·9	89	82	225 3	225 2	5	10	—	7·8	75	Beautiful day.
15	1013·9	1015·0	84·1	85·9	92	*x* 84	1·1	3·3	11·5	9·5	86	65	203 2	180 2	10⌓	1⌓⊟	—	1·1	83	Mostly o.
16	1017·4	1015·0	90·2	88·6	96	82	3·3	1·7	13·2	14·2	67	81	157 2	135 1	5⌓	0⌓	—	9·7	79	Beautiful day.
17	1014·4	1013·0	92·3	87·4	*x* 100	81	3·3	0·5	15·2	15·2	69	93	135 1	— 0	3∞⌓	0⌓	—	6·3	80	Beautiful day. T 15 h.
18	1018·2	1022·1	90·1	90·5	96	82	2·7	2·2	14·2	15·2	73	77	360 2	360 1	0⌓	6⌓	—	10·9	81	Beautiful day.
19	1025·8	1025·6	87·7	90·4	97	81	1·6	3·2	13·5	13·5	81	69	90 2	135 2	0⌓	0⌓	—	13·2	79	Beautiful day.
20	1026·8	1024·5	91·1	89·2	97	81	4·8	3·8	11·9	11·5	57	63	135 3	135 2	2⌓	0⌓	—	?13·5	79	Beautiful day.
21	1022·9	1020·9	91·9	88·7	*x* 100	80	3·7	2·1	13·9	13·9	65	78	135 2	225 2	1⌓	0⌓	—	13·9	78	Beautiful day.
22	1021·1	1016·2	94·6	91·9	*x* 100	82	5·3	4·5	14·2	12·9	*n* 55	60	135 3	135 1	0⌓	5<	8·6	13·6	80	Beautiful day. ⚡●² 18 h.
23	1013·0	1015·0	92·1	83·1	92	82	2·3	1·2	16·9	10·5	78	85	203 4	225 5	9	10●²	*x* 15·7	4·8	85	⚡ 8 h. ●² showers.
24	1014·5	1019·0	83·0	86·4	87	81	0·3	1·7	11·9	12·5	97	81	337 4	360 1	10	10	—	—	81	o. all day.
25	1021·2	1018·7	87·4	86·5	93	83	1·3	0·3	13·9	14·9	84	97	225 2	— 0	9	10⌓	—	2·6	79	Mostly o.
26	1021·5	1024·8	85·9	84·7	90	*x* 84	1·2	1·1	12·5	11·9	86	86	45 3	360 2	10⌓	10	—	3·7	81	o. to fair.
27	1027·7	1028·5	86·6	83·8	91	81	2·4	0·8	11·5	11·5	73	89	360 2	— 0	2⌓	1⌓	—	10·4	79	Beautiful day.
28	1029·6	1030·9	88·7	85·5	91	79	3·1	2·3	12·2	10·8	68	74	360 5	23 2	5⌓	3⌓	—	9·3	82	Fine.
29	1032·5	1030·3	84·4	85·8	92	81	1·4	1·4	11·2	12·2	83	84	360 1	135 2	5⌓	7⌓	—	12·3	78	Beautiful day.
30	1030·9	1030·6	89·4	89·3	96	79	2·7	3·0	13·5	12·9	73	70	180 2	67 3	1⌓	7	—	12·0	77	Beautiful day.
31	1032·2	1031·5	90·6	89·4	96	80	3·7	2·0	12·9	14·6	64	79	45 1	135 1	0⌓	3⌓	—	11·7	79	Beautiful day.
Mean	1017·9	1017·6	85·9	85·7	91·9	80·2	1·9	1·7	11·9	12·0	80	81	2·4	1·5	5·9	5·0	54·2	6·84	78·4	
Mean Pressure at Station Level.	1016·4	1016·0																		

x denotes the maximum and *n* the minimum value in the column.

ARMAGH, a.c.d.—MAY 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 59·8 m. ; Barometer, H_b = 61·6 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Cups of Anemometer, h_a = 15·2 m. Lat. 54° 21′ N. Long. 6° 39′ W. *Time*, Local mean time, 25 m. after Greenwich.

Day.	Air Pressure at Mean Sea Level.		Air Temperature in Degrees Absolute.				Humidity. Depression of Wet.		Humidity. Vapour Pressure.		Humidity. Percentage.		Wind. Veer from North and Force or Speed.				Cloud Amount and Weather.		Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.		9 h.	21 h.				
	millibar.		a. 200+	a. 200+	a. 200+	a. 200+	°	°	millibar.		%	%	°	m/s.	°	m/s.	Tenths of Sky covered.		mm.	hr.	a. 200+	
1	1023·7	1024·4	79·8	79·6	n81	77	1·9	1·5	7·4	7·6	74	79	113	6	135	4	6	10	0·4	3·0	75	Fine.
2	1024·7	1021·3	80·6	80·8	85	79	0·5	0·6	9·7	9·6	94	91	157	6	90	3	10	10	—	3·5	77	Fine.
3	1015·6	1012·2	81·8	82·1	85	80	1·3	0·2	9·3	11·3	84	98	113	6	113	4	10	10	10·9	0·6	76	Mostly o.
4	1012·5	1012·5	80·1	79·5	84	80	0·1	0·1	9·9	9·6	99	99	—	1	—	0	10	3	0·2	—	80	o.
5	1011·8	1009·5	80·6	82·0	88	n74	0·1	0·7	10·3	10·4	100	91	—	0	45	3	10	8	2·7	4·4	72	Fine.
6	1006·1	1007·8	81·0	82·3	82	80	0·2	2·0	10·5	11·1	98	96	23	2	157	2	10	10	3·1	—	79	o.
7	1011·8	1012·8	83·4	83·3	90	79	0·7	1·5	11·4	10·2	91	81	113	3	—	1	8	5	0·1	7·8	75	Fine.
8	1014·2	1013·9	82·8	84·7	88	77	0·4	0·6	11·4	12·5	94	91	—	0	—	0	10	10	—	0·2	72	o.
9	1012·2	1011·5	84·9	83·6	90	79	0·8	1·5	12·3	10·4	89	81	—	1	—	1	7	0	—	6·7	74	Fine a. c. afternoon.
10	1013·2	1013·9	84·6	83·5	92	79	1·8	2·4	10·8	9·1	79	73	—	1	—	1	0	6	0·9	10·8	73	Very fine.
11	1012·2	1008·1	83·1	80·8	87	81	0·8	1·1	11·0	8·9	90	85	—	0	—	1	10	6	0·2	3·5	76	Fine.
12	1006·8	1001·3	82·4	81·1	87	77	1·7	0·9	9·2	9·5	80	89	337	2	—	1	5	10	3·0	4·6	73	Fine.
13	995·9	1001·3	82·3	81·8	86	80	0·2	1·0	11·4	9·8	98	88	—	1	—	0	10	10	0·8	0·7	80	Mostly o.
14	1002·4	1002·4	83·1	85·9	88	78	0·8	0·6	11·1	13·6	91	93	157	2	180	3	9	10	1·9	0·1	75	o.
15	1004·0	1007·1	84·3	85·4	90	84	0·4	2·0	12·5	11·0	94	77	180	5	180	4	10	9	0·4	2·3	82	● a. Fine afternoon.
16	1010·1	1011·8	84·7	85·9	90	82	1·0	0·8	11·9	13·3	86	90	180	4	203	2	10	3	1·6	0·4	80	Mostly c.
17	1010·8	1013·5	87·9	84·5	92	82	2·0	2·1	13·2	10·2	78	75	180	4	—	1	1	1	—	9·0	77	Very fine.
18	1017·9	1020·0	86·1	87·2	92	80	2·0	1·9	11·6	12·7	77	79	225	3	157	4	1	4	—	10·6	74	Very fine.
19	1024·0	1023·7	87·7	86·2	92	82	2·5	0·9	12·2	13·4	73	89	203	4	180	2	2	7	—	8·4	80	Fine.
20	1021·7	1020·0	86·2	88·2	94	83	1·9	2·0	11·9	13·4	79	78	203	2	—	1	9	10	3·1	1·6	79	Mostly o.
21	1017·6	1015·9	86·4	90·4	96	85	0·2	1·6	15·0	16·5	98	83	—	0	203	4	10	3	—	7·4	81	T early a. Fine p.
22	1016·9	1012·2	86·8	86·2	91	x86	1·1	0·4	13·6	14·4	87	96	—	1	135	3	10	9	5·9	1·2	84	Mostly o.
23	1010·8	1019·6	83·9	82·8	87	82	0·3	1·2	12·4	10·3	96	86	—	1	315	2	10	10	x14·4	—	83	o.
24	1022·0	1021·7	84·1	84·7	92	79	0·2	1·8	12·9	10·8	99	78	—	1	247	2	10	2	2·9	2·8	75	c. a. Bright afternoon.
25	1021·0	1024·0	84·6	81·0	86	79	0·2	0·6	13·3	9·9	98	93	—	1	—	1	10	3	6·1	1·9	77	Mostly o.
26	1026·1	1027·4	84·9	84·6	88	77	1·6	0·8	11·2	12·3	81	91	—	1	—	0	9	3	0·1	3·7	n71	Fine.
27	1028·4	1031·1	86·4	84·1	92	81	1·7	1·4	12·3	10·9	80	83	—	1	—	0	8	10	—	9·3	74	Very fine.
28	1033·5	1031·5	86·7	86·7	91	81	1·9	1·9	12·3	12·3	78	78	—	1	225	2	9	5	—	8·6	75	Very fine.
29	1031·1	1029·8	86·6	85·9	93	82	1·5	1·1	12·7	12·8	82	87	225	4	—	0	4	5	—	10·1	79	Very fine.
30	1031·1	1031·5	87·4	87·0	94	81	1·8	0·7	13·2	14·5	80	91	—	1	—	1	2	5	—	13·5	75	Very fine.
31	1032·5	1032·2	91·0	89·0	x97	80	2·3	3·3	15·7	12·1	77	n67	—	1	203	2	2	3	—	14·5	75	Very fine.
Mean	1016·9	1016·9	84·4	84·2	89·4	80·2	1·1	1·3	11·7	11·5	87	86		2·1		1·8	7·5	6·5	58·7	4·87	76·7	
Mean Pressure at Station Level.	1009·3	1009·5																				

DUBLIN (PHŒNIX PARK), a.c.—MAY 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 47·3 m. ; Barometer, H_b = 48·5 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Lat. 53° 22′ N. Long. 6° 21′ W. *Time*, Local mean time, 25 m. after Greenwich.

													°	0–12	°	0–12						
1	1023·0	1023·7	79·7	79·2	n82	79	1·9	0·4	7·4	9·1	75	95	135	2	135	4	10	10●	x10·9	2·0	75	Mostly o. ●^{2} p.
2	1024·7	1019·6	81·6	80·9	85	79	1·0	0·9	9·5	9·1	87	88	135	4	90	3	10	10	0·1	4·1	77	●^{2} a. c.
3	1014·5	1011·5	82·5	82·4	83	79	1·3	0·6	9·8	10·8	83	93	90	4	—	0	10●	10≡	5·2	—	76	● a. and p. ≡: p.
4	1012·5	1011·2	82·8	80·1	89	80	2·3	1·2	8·8	8·5	72	86	225	1	45	1	10	6	—	6·5	78	Sun and cloud.
5	1011·5	1007·1	82·2	77·9	86	n75	1·4	1·0	9·5	7·4	83	87	45	2	315	1	3	6	8·0	7·2	72	Sun and cloud.
6	1005·7	1007·8	81·4	82·2	86	n75	0·2	0·9	10·8	10·2	97	89	315	2	315	2	10●	2	3·4	—	74	o.
7	1011·5	1013·5	85·7	81·0	88	76	2·4	1·2	10·8	8·8	73	84	225	2	225	2	8	2	—	12·4	n70	Sun and cloud.
8	1014·2	1014·9	84·9	82·8	88	76	1·0	3·5	12·2	7·4	87	n61	225	1	270	2	3	2	—	2·3	73	c.
9	1012·2	1011·5	87·3	81·4	89	76	2·8	1·1	11·5	9·5	71	86	270	1	270	1	4	1	—	10·4	75	Bright.
10	1013·2	1013·2	87·4	82·5	89	n75	2·6	1·1	11·9	10·2	72	86	—	0	—	0	0	2	—	12·7	72	Bright. c. n.
11	1012·5	*1008·8*	83·7	80·9	90	n75	1·7	1·6	10·2	8·5	79	80	270	2	—	0	10	2	—	2·8	74	c.
12	1007·8	1002·4	82·9	80·5	89	n75	2·7	0·8	8·5	9·1	68	90	—	0	225	1	8	10●	2·1	5·3	73	Sun and cloud.
13	996·9	1001·7	82·9	82·6	89	n75	0·7	0·5	10·8	11·2	91	93	225	3	—	0	10●	8	2·2	1·0	74	c. ●^{2} showers p.
14	1003·4	1004·4	84·2	85·3	89	78	1·8	1·4	10·5	11·9	78	83	225	3	225	2	9●	8	0·2	1·0	76	c.
15	1005·1	1008·8	85·7	85·4	89	x85	1·4	2·8	12·2	9·8	84	68	225	4	225	3	9	10	1·3	—	83	●^{0} a. and p.
16	1011·2	1012·5	86·7	81·8	92	82	1·5	0·5	12·9	10·5	82	93	—	0	135	3	9	1	—	6·1	82	c. a. Bright p.
17	1011·2	1014·5	88·3	84·7	92	79	2·0	1·0	13·5	11·9	78	87	135	3	225	1	3	8	—	9·7	75	Sun and cloud.
18	1019·3	1021·7	88·4	84·7	92	80	3·2	1·4	11·9	11·2	68	82	225	1	225	2	2	0	—	15·1	75	Beautiful day.
19	1024·7	1024·7	89·5	86·7	94	78	2·9	2·0	13·2	12·2	71	78	225	1	225	1	7	0	—	7·4	74	Sun and cloud.
20	1021·7	1020·6	92·3	84·6	95	84	2·8	1·0	16·3	11·9	73	88	225	3	—	0	3	8	0·3	11·2	81	Beautiful day.
21	1016·9	1017·3	91·2	89·3	x97	83	1·3	2·6	17·9	13·5	86	73	135	2	180	3	4	4	—	10·7	80	●^{0} showers a. to bright.
22	1016·9	1012·5	86·7	86·4	91	x85	1·0	1·1	13·9	13·2	88	87	180	1	—	0	10	10●	8·9	0·2	79	o. ●^{2} showers p.
23	1011·5	*1020·6*	83·2	83·8	87	83	0·5	0·8	11·9	11·5	95	90	—	0	—	0	10●	10	4·2	—	83	●^{2} showers a. and p.
24	1020·6	1022·3	86·2	85·0	89	80	1·3	1·7	12·9	11·2	84	79	270	4	270	2	10	7	1·0	3·0	77	● showers a. ● p.
25	1021·3	1023·7	86·0	79·3	87	78	1·0	0·4	13·2	9·1	89	95	—	0	—	0	10●	2	8·5	0·4	74	●^{2} showers a. and p.
26	1025·4	1027·4	84·8	81·8	87	76	1·3	0·2	11·5	10·8	84	98	315	2	—	0	10	4	—	—	71	o.
27	1028·4	1031·1	88·3	85·5	89	76	2·1	1·7	13·5	11·5	78	80	270	1	270	3	5	3	—	8·8	74	Sun and cloud. Clear n.
28	1033·8	1032·2	87·9	81·9	89	79	0·6	0·5	15·6	10·5	95	94	270	3	—	0	5	0	—	8·6	74	Sun and cloud. Clear n.
29	1031·1	1029·8	90·0	84·3	92	79	3·8	1·0	12·2	11·9	64	88	270	2	—	0	1	1	—	13·8	74	Beautiful day. Clear n.
30	1031·1	1031·5	90·1	83·4	90	79	3·4	0·5	12·9	11·9	68	93	225	2	—	0	0	0	—	13·9	75	Beautiful day. Clear n.
31	1032·5	1032·5	89·3	83·3	91	79	1·0	0·5	16·3	11·5	90	93	270	2	225	1	1	0	—	13·0	75	Beantiful day. Clear n.
Mean	1017·0	1017·3	85·9	82·9	89·1	78·6	1·7	1·2	12·1	10·5	80	86		1·9		1·2	6·6	4·7	56·3	6·13	75·6	
Mean Pressure at Station Level.	1011·1	1011·4																				

x denotes the maximum and *n* the minimum value in the column.

METEOROLOGICAL OFFICE, LONDON,
July 12th, 1918.

[Price Sixpence.

DAILY READINGS AT METEOROLOGICAL STATIONS OF THE FIRST AND SECOND ORDERS, 1918.

DEERNESS, ORKNEY, a.b.c.—JUNE 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 48·8 m. ; Barometer, H_b = 49·7 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 1·2 m. Cups of Anemometer, h_a = 4·9 m. Lat. 58° 56′ N. Long. 2° 45′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level.		Air Temperature in Degrees Absolute.				Humidity. Depression of Wet Bulb.		Humidity. Vapour Pressure.		Humidity. Percentage.		Wind. Veer from North and Force or Speed.				Cloud Amount and Weather.		Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.		9 h.	21 h.				
	millibar.		a. 200+	a. 200+	a. 200+	a. 200+	°	°	millibar.		%	%	°	m/s.	°	m/s.	Tenths of Sky covered.		mm.	hr.	a. 200+	
1	1031·1	1028·8	84·4	83·0	x90	81	1·1	0·6	11·6	11·3	86	93	270	6	270	5	10	5	—	1·5	No record.	Fair to fine.
2	1025·4	1026·7	83·2	82·1	86	x82	0·4	0·9	11·8	10·1	95	89	270	11	326	6	10≡:	7	—	1·8		≡:^{2} a. Dull p.
3	1027·4	1027·1	82·5	81·0	85	80	2·1	0·8	8·9	9·6	74	90	360	3	79	3	9	0	—	8·4		Dull a. Fine p.
4	1027·1	1026·7	83·3	81·2	84	80	2·2	1·0	9·2	9·3	74	87	124	4	135	5	3	0	—	10·1		Fine all day.
5	1024·4	1022·0	83·9	82·7	85	81	1·6	0·6	10·5	11·0	81	93	146	7	135	6	1	0	—	14·0		Very fine.
6	1018·6	1009·8	85·0	84·7	87	81	1·1	0·6	12·1	12·6	86	93	146	7	169	6	0	10●	x12·5	10·5		Very fine. ≡^{0}. ● after 18 h.
7	1014·5	1020·0	84·9	81·7	86	x82	2·1	1·1	10·5	9·6	76	86	247	8	225	4	5	1	—	12·8		Fair to very fine.
8	1023·3	1024·0	84·4	82·8	87	80	2·7	0·7	9·4	10·9	70	91	236	7	169	2	4	10●	1·7	7·7		Fine. ●^{0} 21 h. [● 21 h.
9	1010·5	1010·8	83·3	83·3	84	81	1·1	0·4	10·8	11·8	86	95	135	11	180	2	10	10●≡^{0}	1·9	—		● a. ● 12 h.–15 h. ≡^{0} p.
10	1016·9	1018·9	83·0	83·3	87	x82	0·7	0·3	11·1	12·1	92	97	270	10	236	8	10	9	—	2·2		● showers early. Fair p.
11	1021·0	1021·7	83·4	82·5	85	79	2·3	1·4	9·1	9·7	73	82	270	8	270	7	10	8	—	0·2		Dull but fair.
12	1017·6	1012·5	82·4	82·3	86	81	0·8	1·2	10·6	9·9	90	84	191	7	270	8	10	8	1·7	0·4		g. ●^{0} a. Dull p.
13	1011·2	988·8	83·2	83·9	85	x82	1·6	2·7	10·0	9·0	82	71	225	7	225	16	10●	9	4·4	—		● 9 h.–17 h. ↯ 23 h.–24 h.
14	999·0	999·3	82·4	79·0	84	79	3·0	1·1	7·7	7·9	n65	85	270	14	270	3	7	7●^{0}	2·0	10·7		↯ 1 h.–3 h. ● showers p.
15	997·9	997·9	82·3	80·6	84	n78	2·4	0·7	8·3	9·4	70	91	293	8	281	7	8	10●^{0}	4·6	7·8		● showers.
16	1002·4	1007·4	81·7	79·9	84	80	1·1	1·2	9·6	8·2	87	84	337	11	337	7	10	9	—	1·2		Dull and g.
17	1007·8	1008·8	82·5	80·6	84	79	3·0	1·3	7·7	8·6	n65	82	304	9	259	3	8	2	—	3·8		Fair to fine.
18	1005·4	1007·1	82·3	82·5	86	79	0·8	0·4	10·4	11·1	89	94	146	5	157	4	10	8≡^{0}	—	2·6		g. a. ≡^{0} after 16 h.
19	1010·8	1011·2	83·6	82·9	87	81	0·8	0·4	11·5	11·5	90	95	124	2	157	2	10	10≡	—	6·4		Dull, then fine. ≡ after 16 h.
20	1006·4	1001·3	83·3	83·2	85	81	0·9	1·0	11·0	10·8	89	88	180	5	281	10	10	8	4·1	1·2		Dull, ∞ a. ● 12 h.–17 h.
21	1005·4	1004·4	82·2	81·0	86	81	1·1	1·0	9·9	9·2	86	87	270	9	259	2	5●^{0}	10●	11·9	8·1		●^{0} showers. ● after 20 h.
22	1000·3	1008·1	81·0	81·3	85	79	1·0	0·8	9·2	9·8	87	90	293	5	304	8	10	5	0·8	6·1		●^{2} 6 h.–8 h., then ● showers.
23	1017·9	1015·6	81·7	81·1	85	80	1·7	1·7	8·8	8·5	79	79	315	10	293	8	8	8●^{0}	4·4	6·5		● showers all day.
24	1014·2	1014·2	80·9	80·2	n82	79	1·3	0·8	8·8	9·0	84	89	326	12	315	11	8●^{0}	10	—	2·5		● showers all day.
25	1014·2	1015·6	80·1	81·4	n82	79	0·6	1·9	9·2	8·2	92	76	315	11	315	10	10●^{0}	10	—	—		● showers a. g. all day.
26	1013·5	1008·4	80·6	81·7	86	80	0·6	1·1	9·6	9·6	93	86	293	10	304	10	10	10	—	2·8		Dull, but fair.
27	1009·1	1011·2	81·9	80·7	86	80	0·8	1·6	10·1	8·3	90	80	304	5	315	2	10	3	—	0·7		Dull a. Fine p.
28	1015·9	1020·0	84·6	83·7	87	79	1·7	1·1	10·8	11·0	80	86	315	3	315	3	9	8	—	3·2		Fair to fine.
29	1020·6	1022·0	86·4	84·4	88	x82	2·1	0·4	11·7	12·7	76	95	247	6	259	4	10	10	—	0·7		Fair. ≡^{0} 18 h.–20 h.
30	1016·9	1016·2	86·8	82·2	89	x82	3·1	1·7	10·6	9·1	67	79	236	8	281	9	1	7	—	9·5		Fine and bright.
Mean	1014·2	1013·6	83·0	82·0	85·6	80·3	1·5	1·0	10·0	10·0	82	87		7·6		6·0	7·9	7·1	50·0	4·78		
Mean Pressure at Station Level.	1008·1	1007·5																				

ABERDEEN, a.c.e.—JUNE 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 14·0 m. ; Barometer, H_b = 26·8 m. Heights above Ground :—Therms., h_t = 12·5 m. Rain-gauge, h_r = 0·61 m. Cups of Anemometer, h_a = 21·9 m. Lat. 57° 10′ N. Long. 2° 6′ W. *Time*, Greenwich mean time.

																			0 h. to 24 h.			
1	1032·1	1030·7	89·7	85·8	93	80	5·4	2·5	9·8	10·6	52	72	315	3	203	2	0	1	—	12·6	77	Very fine all day.
2	1027·9	1027·4	87·8	84·0	91	82	3·3	2·1	11·0	9·8	66	75	315	5	315	4	2	4	—	13·1	77	Fine to fair ; gusty.
3	1027·4	1027·1	84·8	82·3	86	82	3·2	0·8	9·0	10·4	65	89	337	3	—	1	4	1⌓	—	13·2	81	Fair to fine. ⊕ p. ⌓ n.
4	1027·3	1026·8	84·3	82·6	86	n79	2·3	1·4	9·7	9·8	73	82	135	3	157	3	9	0	—	11·1	n74	Dull early to fine, with v.
5	1025·4	1023·8	85·7	83·9	88	81	2·7	1·3	10·2	10·8	70	84	157	5	157	3	1	0	—	13·1	78	c. early to fine all day.
6	1021·6	1013·8	87·2	90·0	90	83	2·0	3·1	12·6	13·3	78	69	157	4	180	5	2	8∞	—	9·0	80	Fair to fine. ∞^{0}.
7	1016·8	1021·7	87·1	84·5	89	82	4·2	1·9	9·5	10·5	59	78	315	3	—	0	6	0	6·8	5·7	83	● to fair.
8	1025·2	1024·4	86·6	84·1	89	x84	4·4	1·2	8·8	11·2	57	85	247	2	—	1	4	10	0·6	6·4	76	Fine to dull, with ●^{0}.
9	1013·2	1011·6	84·3	85·1	88	83	1·7	1·8	10·5	11·1	79	79	157	6	—	1	10	2	—	0·5	82	Dull, with ≡^{0} ●^{0} ; fair n.
10	1019·7	1021·5	85·3	84·8	91	82	3·1	2·8	9·4	9·5	66	69	315	7	203	2	6	8	1·0	8·2	78	●^{0} early to fair and q.
11	1022·7	1023·9	86·8	84·5	88	83	3·2	2·4	10·5	9·9	67	73	315	3	—	1	8	2	—	2·0	82	Dull, with ●^{0} to c.
12	1017·2	1014·4	84·2	88·0	91	n79	2·3	3·6	9·6	10·8	73	64	203	3	293	5	10●	6	0·2	1·3	76	q. and ●^{0} to c.
13	1014·4	997·9	84·4	88·0	89	83	2·2	4·5	9·9	9·6	74	57	203	3	225	9	10≡^{0}	5	0·4	0·4	80	Dull ; ≡^{0} ●^{0} ; fair and q. n.
14	1004·2	1002·2	85·8	82·7	88	80	5·3	3·5	7·2	7·3	n49	61	270	8	270	4	1	2	—	13·3	81	Fine to fair and q. ●^{0}
15	1000·9	1001·2	82·3	81·3	85	80	2·9	2·2	7·7	7·9	66	72	270	5	270	2	7●	5	0·5	7·4	76	Fair to c. ●^{0}, ▲^{0}, T midday.
16	1001·9	1007·5	81·4	81·0	84	80	0·6	1·2	10·1	8·9	92	84	315	8	315	4	10●	4	x8·0	0·2	78	c. to dull ; q. ; ● a. and p.
17	1010·2	1010·3	81·5	82·4	86	n79	2·3	2·0	8·0	8·8	72	75	293	5	180	2	8	10	—	5·2	76	c. to fair ; ●^{0} showers.
18	1006·3	1006·1	85·1	83·1	87	82	2·7	0·4	9·8	11·7	70	95	157	4	135	2	7∞	10≡^{0}	0·2	3·3	81	Fine to dull ; ≡^{0} ●^{0} n.
19	1009·8	1011·6	85·4	84·9	86	82	2·2	1·4	10·7	11·4	75	83	67	4	—	1	3	10	—	5·7	81	Fair, with ≡ to dull and ≡^{0}.
20	1008·3	1004·8	85·4	85·0	88	83	2·5	2·2	10·3	10·4	72	75	135	2	293	4	10	6	5·2	1·9	79	≡^{0} ● a. K and q. 17 h.
21	1008·3	1003·7	86·1	83·8	90	82	4·7	1·2	8·1	11·0	54	85	270	6	180	2	4	10●	1·9	10·1	80	Fine to c. ●^{0} p. and n.
22	1002·0	1009·9	83·9	80·9	85	81	3·4	1·6	8·2	8·4	63	79	293	8	293	8	7●	4	2·7	6·9	80	Fair and q. ; ●^{0} showers.
23	1018·8	1017·9	82·7	82·4	87	81	2·7	1·8	8·2	9·0	68	77	315	10	270	3	6	7	1·1	9·2	79	Fair and q. ; ●^{0} showers.
24	1014·4	1015·1	80·8	80·9	84	80	1·5	1·8	8·4	8·2	80	77	315	4	315	6	9●	7	0·8	7·7	78	Fair and q. ; ●^{0} showers.
25	1015·0	1016·5	81·9	81·3	n83	n79	2·0	1·3	8·5	9·0	75	83	315	8	315	5	10	9	0·3	0·6	77	Dull and q. ; ●^{0} showers.
26	1015·9	1011·0	84·4	84·8	88	81	3·7	3·5	8·0	8·5	60	62	293	10	270	6	8	7	—	3·3	80	Bright and q. to dull.
27	1010·4	1011·6	86·2	83·2	89	82	3·7	0·6	9·3	11·4	62	92	315	8	180	2	4	10●	2·9	2·2	80	c. to dull ; q. ; ●^{0} p. and n.
28	1016·3	1020·9	83·8	84·1	87	83	0·2	0·9	12·4	11·7	97	89	67	3	180	2	10●	10	2·1	1·1	83	Dull and ●^{0} to c.
29	1021·6	1022·4	88·0	87·4	90	83	1·8	1·5	13·5	13·5	80	83	135	2	—	1	5	9	—	4·8	82	Fair to dull.
30	1019·6	1017·8	88·6	86·4	97	x84	2·4	2·6	13·2	10·9	75	71	135	3	315	4	2	1	—	10·7	83	Fair to fine and warm.
Mean	1015·8	1015·2	85·1	84·1	88·0	81·4	2·8	1·9	9·7	10·2	70	77		4·9		3·2	6·1	5·6	34·7	6·33	79·3	
Mean Pressure at Station Level.	1012·6	1011·9																				

Corresponding Normal Values are referred to thus:—a. Appendix IV., "Weekly Weather Report," 1913 ; b. Appendix I., "Meteorological Observations at Stations of the Second Order," 1891 ; c. "Temperature Tables of the British Islands," 1871–1900 ; d. "Rainfall Tables of the British Islands," Part I., 1866–1880. Part II., 1881–1890 ; e. "Hourly Values," *Geophysical Section*, 1912.

Wt. 15559/478—250—8/18.—N. & Co., Ltd. Gp. XV.

Fort William, Inverness-shire, a.c.—June 1918.

Heights above Mean Sea Level:—Rain-gauge Site, H = 52·1 m.; Barometer, H_b = 11·6 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Lat. 56° 49′ N. Long. 5° 7′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level. 9 h.	Air Pressure at Mean Sea Level. 21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Depression of Wet Bulb. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind. Veer from North and Force or Speed. 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		a. 200+	a. 200+	a. 200+	a. 200+	°	°	millibar.		%	%	°	0–12	°	0–12	Tenths of Sky covered.		mm.	hr.	a. 200+	
1	1033·2	1031·1	89·5	87·4	95	78	3·8	2·8	11·8	11·6	64	71	270	1	—	0	1∞	3∞	—			Very fine and sunny.
2	1029·1	1026·7	90·6	86·9	95	82	4·2	1·7	12·2	12·7	61	81	270	3	45	2	2	1	—			Very fine and sunny.
3	1025·4	1023·3	89·7	86·9	x 97	80	3·3	3·3	12·6	10·3	67	65	45	1	90	2	0	0	—			Cloudless and sunny.
4	1025·0	1024·0	90·2	88·1	96	80	3·4	3·4	13·0	11·1	67	65	45	2	—	0	0∞	0	—			∞ *a.* Very fine.
5	1022·7	1021·3	90·3	88·6	96	81	3·4	2·2	13·1	13·4	66	76	225	1	—	0	0∞	0∞	—			Very fine. ∞. T^0 15 h.
6	1018·6	1012·5	91·9	86·3	94	82	3·4	0·5	14·5	14·2	67	94	270	2	225	3	2	10●≡·	12·2			Fine till 16 h., then ●≡≡^{0}.
7	1017·9	1022·7	85·8	81·9	90	82	3·3	1·1	9·5	9·7	65	86	225	3	270	1	7	2	1·5			Sun and cloud. ●^{0} showers.
8	1025·4	1022·7	83·0	84·0	90	81	1·0	1·6	10·6	10·6	87	81	270	3	—	0	7	10	1·3			Generally fine and sunny.
9	1006·1	1012·8	87·1	85·1	88	84	2·4	1·8	11·8	10·9	74	78	180	3	315	3	10●	10	5·6			Dull. ●^{0}≡⁝.
10	1021·3	1022·7	88·1	84·7	91	82	4·1	1·2	10·3	11·6	n 59	85	—	0	225	1	6	10	—			Fair to fine. Dull after 18 h.
11	1024·0	1025·0	85·2	83·3	87	83	2·9	1·6	9·6	10·1	68	81	270	2	—	0	10	8	0·8	No record.	No record.	c. to fair; sunny intervals.
12	1017·9	1017·3	83·1	84·6	89	81	0·7	1·5	11·3	11·1	92	82	270	5	225	3	10●	6	6·4			Showery. Hill ≡⁝. Clearing after
13	1014·2	1004·0	84·2	82·4	n 86	82	0·7	1·6	12·1	9·5	91	80	225	3	225	7	10●	10●	x 30·7			● all day. Hill ≡⁝. q. *p.* [17 h.
14	1007·4	1003·7	81·9	79·7	87	80	1·7	0·7	8·9	8·8	79	90	270	4	225	2	8	10●	4·8			● showers. Fresh ✳ on Ben Nevis to 2000
15	1002·7	1002·7	80·3	81·8	n 86	n 77	0·8	2·2	9·1	8·2	90	74	225	2	315	2	7	8	2·5			● showers. Sunny *p.* [ft. level.
16	1004·7	1008·8	84·1	81·5	87	80	2·7	0·8	9·1	9·8	70	90	360	2	45	3	10	9●^{0}	2·0			Fair to fine. ● showers *p.*
17	1010·8	1008·4	83·7	82·4	90	79	3·3	1·7	8·1	9·3	64	79	—	0	225	1	10	3	—			Fair to fine and sunny.
18	1003·7	1004·7	84·1	84·3	88	78	2·8	1·9	9·0	10·3	69	77	—	0	—	0	10	9	—			Dull but fair. Sunny intervals.
19	1009·5	1012·5	87·8	84·8	92	78	3·7	2·0	10·5	10·6	62	76	45	2	315	3	1	7	0·8			∞ at times. Alternate sun and
20	1006·8	1007·8	83·6	83·7	n 86	81	0·6	1·8	11·8	10·0	93	79	270	3	270	4	10●≡⁝	8●^{0}	8·4			Dull. ●≡^{0}≡⁝. [cloud.
21	1009·5	1004·0	86·3	83·6	89	80	2·8	0·6	10·7	11·8	70	93	270	2	270	3	7	10●^{0}	14·5			Fine till 13 h., then ●≡^{0}.
22	1006·8	1014·5	80·2	81·9	n 86	79	0·7	1·8	9·1	8·7	91	77	270	3	270	3	10●^{0}	10●^{0}	3·0			● showers. Sunny intervals.
23	1022·3	1020·0	85·9	82·0	88	80	3·4	1·5	9·4	9·2	64	82	270	2	270	2	7	7	1·8			Generally fine and sunny. ●
24	1017·3	1018·3	85·7	82·4	89	80	3·9	2·8	8·7	8·0	61	67	315	3	360	2	8	3	—			Fair to fine and sunny. [showers.
25	1017·6	1018·9	84·0	83·0	88	80	3·2	2·8	8·4	8·3	65	68	360	3	315	3	10	4	—			Fine, clear, and sunny.
26	1018·9	1015·6	85·2	83·6	88	81	3·3	1·6	9·0	10·3	64	81	270	1	270	1	10	10●^{0}	—			Sun and cloud. Dull evening.
27	1012·5	1012·5	85·3	84·1	87	84	1·2	0·6	12·2	12·2	85	93	—	0	—	0	10●^{0}≡^{0}	10●^{0}≡^{0}	1·0			Dull. ●^{0}≡^{0}
28	1016·6	1020·6	86·8	85·8	90	83	1·7	1·7	12·7	11·8	81	81	—	0	—	0	7	1	—			Fair to fine generally.
29	1023·7	1024·0	85·6	86·3	89	82	1·6	0·6	11·9	14·2	82	93	270	2	—	0	10	10	—			Fine and sunny.
30	1021·7	1018·9	90·8	85·7	94	x 85	3·3	2·1	13·6	11·0	67	76	270	3	225	3	6	7	—			Very fine and sunny.
Mean	1016·4	1016·1	86·0	84·2	89·9	80·8	2·6	1·7	10·8	10·6	73	80		2·0		1·8	6·9	6·5	97·3			
Mean Pressure at Station Level.	1015·0	1014·7																				

Douglas, Isle of Man, a.—June 1918.

Heights above Mean Sea Level:—Rain-gauge Site, H = 84·5 m.; Barometer, H_b = 86·6 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Lat. 54° 10′ N. Long. 4° 28′ W. *Time*, Local mean time, 20 m. after Greenwich.

Day.	Air Pressure 9 h.	Air Pressure 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Depression 9 h.	Depression 21 h.	Vapour 9 h.	Vapour 21 h.	Percentage 9 h.	Percentage 21 h.	Wind 9 h.		Wind 21 h.		Cloud 9 h.	Cloud 21 h.	Rain	Sunshine.	Min. Temp. on Grass.	Remarks.
1	1034·2	1032·5	91·6	88·0	95	80	4·2	2·9	13·2	11·9	n61	70	157	1	315	1	0∞	4⌓	—	14·5	82	⌓ ∞. Very fine.
2	1030·8	1026·7	90·2	88·0	x 97	x 86	2·8	0·8	13·9	15·2	72	91	135	2	315	1	3∞	0⌓	—	14·3	81	⌓ ∞. Very fine.
3	1026·1	1024·4	88·0	88·3	92	85	2·8	2·6	11·9	12·5	71	72	113	2	67	1	0∞	4	—	14·4	82	⌓ ∞. Very fine.
4	1027·1	1025·4	85·8	85·5	92	83	2·2	1·9	11·2	11·2	75	77	113	2	315	1	0∞	2⌓	—	14·0	81	⌓ ∞. Very fine.
5	1025·0	1023·3	89·1	86·9	94	82	3·9	2·2	11·2	11·9	62	75	113	1	293	1	0∞	0⌓	—	14·0	79	⌓ ∞. Very fine. [●.
6	1023·3	1019·6	84·7	84·8	88	82	0·2	0·1	13·2	13·5	98	98	203	1	225	3	10≡	10	3·3	1·8	80	≡ *a.* o. to c., bright 15 h.–17 h.
7	1022·0	1026·4	85·8	83·0	89	83	2·4	0·7	10·8	11·2	74	92	293	3	67	1	3	3⌓	—	10·6	83	● early. Very fine. q. ⌓ *p.*
8	1028·8	1026·4	86·3	83·0	89	80	2·1	0·6	11·9	11·2	76	93	247	1	135	1	7	6	3·3	9·8	78	⌓. c. *a.* Very fine from noon.
9	1012·5	1010·8	83·0	83·6	85	82	0·4	0·9	11·5	11·5	95	90	225	5	337	5	10●	7	x 12·2	0·7	82	● 6 *a.* o. to c. q. ●^{2} showers.
10	1022·7	1024·7	84·1	83·6	87	82	1·2	1·7	11·2	10·2	85	80	360	5	315	5	6	3	—	6·3	81	c., q., with bright intervals.
11	1026·7	1027·7	84·9	82·4	89	82	0·8	1·1	12·5	10·2	89	86	315	2	270	1	10●	6⌓	—	5·0	80	● *a.* c., bright intervals.
12	1025·0	1021·7	84·7	85·8	87	80	1·7	0·0	10·8	14·6	80	100	247	3	293	3	8	10	0·3	1·7	77	⌓ *a.* c. to o. ● showers 20 h.
13	1020·3	1012·8	86·9	86·9	91	84	0·6	1·4	14·6	13·2	93	84	270	5	270	8	10	8	—	7·8	82	q. c. *a.*, and after 17 h. ↗ *p.*
14	1013·9	1009·5	84·1	80·2	87	80	1·7	0·9	10·5	8·8	80	87	247	4	270	3	8	2	3·6	7·2	80	c. q. *a.* ● showers 13 h. ▲ 18 h.
15	1007·8	1006·8	81·3	79·1	87	79	1·2	0·5	9·1	8·8	84	92	270	5	270	1	6	3	1·8	8·2	77	Bright *a.* q. c. afternoon. [● *p.*
16	1006·1	1008·8	82·7	81·9	86	n 77	0·9	0·8	10·5	10·2	89	90	293	3	337	5	10	6	0·5	6·4	n 75	c. to o. ●^{0}. Bright and q.
17	1010·5	1011·2	84·9	81·3	87	81	1·6	0·6	11·2	9·8	80	92	293	1	315	1	7	6	2·8	6·0	80	c. to o. ● showers 9 h.–13 h.
18	1004·0	1001·7	82·6	83·6	n 84	80	0·2	0·0	11·5	12·5	98	100	157	3	90	3	10●	10	7·9	—	78	● 8 h. o. ● showers *p.*
19	1008·8	1013·9	85·3	85·2	90	83	1·2	1·2	12·2	12·2	85	85	67	1	337	2	10	10	0·5	1·1	81	o. to c.
20	1012·8	1013·5	83·6	83·6	87	82	0·0	0·9	12·5	11·5	100	90	225	3	270	2	10●	7	5·8	1·2	81	● *a.* o. to c. ● showers.
21	1013·9	1012·2	85·2	84·7	89	82	1·1	1·1	12·2	11·9	86	86	225	2	293	3	10	8	2·5	3·4	81	o. to c. ● showers.
22	1012·5	1018·9	84·3	82·2	86	81	2·4	1·0	9·5	10·2	72	88	293	8	293	8	4	7	1·5	9·8	81	↗. Occasional ●▲ showers.
23	1025·0	1023·7	84·6	82·2	87	81	1·9	1·0	10·5	10·2	78	88	315	4	293	2	6	8	—	13·2	80	Fine, but q.
24	1017·9	1018·6	84·4	81·9	86	81	2·5	1·1	9·5	9·8	71	86	315	4	315	5	4	0	0·5	11·8	80	Fine, but q.
25	1017·6	1018·9	83·6	81·9	86	80	2·3	1·1	9·5	9·8	74	86	315	5	315	5	7	4	—	10·4	77	● *a.* Fine, but q.
26	1019·6	1018·3	83·8	82·9	86	80	1·9	1·6	9·8	9·8	77	81	315	4	293	5	8	4	—	5·0	79	c. q.
27	1016·6	1015·2	84·9	85·1	87	82	0·8	0·4	12·5	13·2	89	95	293	5	270	3	10	10	1·8	—	81	o. q. ● showers afternoon.
28	1018·3	1022·7	86·1	84·1	90	84	1·4	0·9	12·5	11·5	84	88	315	1	337	1	8	0⌓	—	7·4	82	c. till 14 h., then very fine.
29	1025·0	1025·7	86·9	87·3	91	81	1·7	1·5	12·9	13·5	81	82	135	2	337	2	8	8	—	10·0	78	⌓ *a.* c. to very fine, then c.
30	1023·7	1022·3	89·1	84·8	92	84	1·2	0·8	15·6	12·5	87	91	337	2	270	1	6	2	—	10·4	83	⌓ *a.* Very fine.
Mean	1019·3	1018·8	85·4	84·1	88·8	81·7	1·6	1·1	11·6	11·5	82	87		3·0		2·8	6·6	5·3	48·3	7·53	80·1	
Mean Pressure at Station Level.	1008·8	1008·2																				

x denotes the maximum and *n* the minimum value in the column.
Temperatures at or below the normal freezing-point of water are printed in small type.

Shrewsbury, Shropshire.—June 1918.

Heights above Mean Sea Level:—Rain-gauge Site, H = 57·9 m.; Barometer, H_b = 64·7 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Lat. 52° 43′ N. Long. 2° 45′ W. *Time*, Local mean time, 10 m. after Greenwich.

Day.	Air Pressure at Mean Sea Level. 9 h.	Air Pressure at Mean Sea Level. 21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Depression of Wet Bulb. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind. Veer from North and Force or Speed. 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		a. 200+	a. 200+	a. 200+	a. 200+	°	°	millibar.		%	%	°	0–12	°	0–12	Tenths of Sky covered.		mm.	hr.	a. 200+	
1	1032·7	1032·2	90·9	85·9	97	79	3·7	0·7	13·2	13·5	n 64	91	337	2	—	0	0	0	—		75	Cloudless day.
2	1029·9	1025·9	92·3	90·5	x100	80	3·9	3·1	14·2	13·8	n 64	69	—	0	—	0	0	2	—		75	Cloudless day.
3	1025·0	1023·8	88·8	87·2	96	81	2·1	0·8	13·8	14·7	78	91	67	1	—	0	0	3	—		77	∞. Fine and bright.
4	1026·0	1025·0	85·8	83·6	92	80	1·7	0·6	11·8	11·8	81	93	45	2	—	0	10	4	—		76	Dull.
5	1025·0	1023·2	89·5	88·0	96	78	2·6	0·4	13·6	16·0	73	95	45	1	—	0	3	8	—		74	⌓^{2}. c.
6	1023·3	1022·0	92·3	87·4	97	81	2·7	0·7	16·4	15·0	73	91	45	1	—	0	4	5	x 4·2		77	≡ early. T 15 h.–15 h. 30 m.
7	1020·8	1025·9	85·1	82·4	91	82	0·0	0·5	14·1	10·9	100	93	270	2	315	1	10●^{0}	0	—		80	Drizzling ● till 11 h., then fine.
8	1028·0	1027·4	84·8	85·8	94	n 77	1·0	1·0	12·1	12·9	88	88	270	2	—	0	7	3	0·4		74	Fine.
9	1017·5	1009·0	86·6	82·6	89	81	0·9	0·0	13·7	11·8	89	100	225	5	270	6	10	10●	2·6		76	●^{0} shower 8 h. 30 m.
10	1018·6	1024·0	85·3	84·1	90	82	1·6	0·9	11·5	11·7	81	89	360	3	—	0	10	2	—		81	Fine.
11	1026·0	1026·7	85·6	84·1	91	78	1·5	0·5	12·0	12·2	82	93	360	4	—	0	10	4	—	No record.	74	Dull and cold. Fine *p.*
12	1025·8	1023·1	88·1	86·6	92	81	2·3	1·1	12·8	13·5	75	87	360	2	—	0	7	10	—		76	Fine.
13	1021·9	1017·5	88·8	88·6	94	x 86	1·2	1·0	15·3	15·5	86	89	270	4	270	4	9	3	0·3		84	Fine.
14	1015·7	1010·8	87·7	81·9	91	82	2·6	0·3	12·1	10·9	73	97	225	3	293	2	4	5	0·8		84	Fine to showery.
15	1009·2	1005·9	84·4	82·6	89	79	2·5	1·2	9·5	10·2	71	86	293	5	293	2	7	7	0·6		76	Occasional ● showers.
16	1006·5	1008·0	86·7	83·6	90	n 77	3·1	0·6	10·5	11·8	67	93	293	3	293	1	5	10	1·1		n 72	Fine *a.* ● showers from 15 h.
17	1010·6	1011·9	84·0	83·6	90	n 77	1·0	0·6	11·5	11·8	87	93	315	2	—	0	10	10	2·5		73	o. ● showers from 15 h.
18	1007·9	1001·4	83·7	83·6	n 86	78	1·0	0·0	11·3	12·6	89	100	225	4	—	0	10	10	3·5		73	Dull and cold. ● from 14 h.
19	1005·4	1012·8	86·8	86·2	91	83	3·6	0·4	9·9	14·3	n 64	94	45	2	315	1	9	8	—		84	Dull.
20	1014·3	1012·6	88·8	87·0	90	81	2·3	0·9	13·5	14·2	76	90	247	2	270	2	10	6	3·2		82	o. 9 h. ● 11 h. 30 m. to 14 h. [●^{0} *p.*
21	1015·0	1012·8	87·7	86·5	90	82	2·3	1·1	12·5	13·4	75	87	270	1	293	1	10	6	0·5		79	c.
22	1012·9	1019·7	86·5	82·2	89	82	2·4	1·1	11·4	9·9	73	86	293	6	315	2	5	7	0·2		80	Fine.
23	1023·7	1023·4	85·6	84·1	90	80	2·8	1·7	10·0	10·5	69	80	315	6	293	2	4	6	0·3		77	Fine.
24	1017·1	1018·1	85·5	83·0	89	82	2·2	1·6	10·8	9·8	76	81	337	4	337	1	9	2	—		79	Dull and cold *a.*, then fine.
25	1016·8	1017·9	84·3	82·4	89	79	1·9	1·0	10·4	10·3	78	87	337	2	360	3	9	7	—		74	Fine.
26	1018·9	1018·0	85·7	83·6	90	n 77	2·8	1·4	10·2	10·6	70	84	360	3	360	1	5	7	—		73	Fine and bright.
27	1016·4	1016·4	88·0	86·3	92	80	2·9	0·5	11·7	14·2	70	93	337	3	293	2	7	10	—		76	c. to o.
28	1016·6	1021·1	88·0	86·1	92	81	1·7	0·8	13·7	13·6	82	91	293	2	—	0	10	5	0·5		83	●^{0} showers. Fine evening.
29	1024·2	1025·0	88·0	87·3	96	78	1·9	0·9	13·4	14·6	80	90	—	0	—	0	4	2	—		75	≡^{0} early. ∞ most of day.
30	1023·3	1020·9	90·9	87·4	97	80	2·8	0·5	14·7	15·2	72	93	—	0	—	0	2	2	—		77	Bright and warm. ∞
Mean	1019·1	1018·8	87·2	85·1	91·9	80·2	2·2	0·9	12·4	12·7	77	90		2·6		1·0	6·7	5·5	20·7		77·2	
Mean Pressure at Station Level.	1011·4	1010·9																				

Cambridge, a.—June 1918.

Heights above Mean Sea Level:—Rain-gauge Site, H = 12·8 m.; Barometer, H_b = 13·1 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Lat. 52° 12′ N. Long. 0° 8′ E. *Time*, Greenwich mean time.

	8 h.	20 h.	8 h.	20 h.			8 h.	20 h.	8 h.	20 h.	8 h.	20 h.	8 h.		20 h.		8 h.	20 h.	8 h.			
1	1032·1	1031·3	90·9	89·7	98	84	2·9	3·1	14·6	13·2	71	70	225	1	45	1	0⌓	0⌓	—	13·7	82	Beautiful day.
2	1030·7	1027·4	87·4	90·7	x 99	80	1·0	2·0	14·6	15·9	88	79	45	1	90	1	0⌓	1⌓	—	9·1	77	Fine and warm.
3	1025·4	1024·5	87·4	84·8	91	81	1·9	2·2	12·9	10·2	79	74	23	3	45	3	7⌓	1	—	11·2	79	Fine. Cool *n.*
4	1025·6	1026·3	84·9	83·7	n 90	77	1·3	1·0	11·5	11·2	84	88	23	3	45	1	10	0⌓	—	1·0	75	c.
5	1025·9	1024·4	83·1	84·9	92	79	0·7	3·6	11·2	8·5	92	61	67	3	135	2	10⌓	0⌓	—	9·2	75	o. to fine and warm.
6	1025·9	1024·9	89·0	85·2	94	77	1·4	2·8	15·2	9·8	85	69	157	1	135	2	0⌓	3	—	14·4	75	Beautiful day.
7	1023·2	1024·6	87·4	83·0	n 90	80	3·3	0·7	10·8	11·2	66	92	225	3	315	2	10	0⌓	—	0·9	78	o. most of day. Occasional ●^{0}.
8	1028·8	1029·4	86·8	85·8	94	76	3·0	1·7	10·8	11·9	69	81	45	2	180	3	0⌓	0⌓	—	11·3	75	Fine.
9	1021·5	1014·2	90·2	83·6	92	81	3·7	1·7	12·5	10·2	64	80	225	4	225	2	10	8	0·8	5·2	78	o. to c.
10	1014·8	1022·9	85·2	85·2	92	81	2·2	1·1	10·5	12·2	74	86	23	2	23	2	9	3	—	6·4	77	Dull *a.*, bright afternoon.
11	1023·6	1024·8	88·4	88·9	96	83	1·5	1·5	14·6	15·2	83	84	360	3	360	2	0	10	—	11·6	82	Fine. o. *n.*
12	1025·1	1022·2	86·3	88·0	95	82	2·2	2·2	11·5	12·9	75	76	315	2	315	2	6	2⌓^{0}	—	5·6	80	c.
13	1022·0	1018·3	89·1	89·1	95	x 85	1·7	1·1	14·9	15·9	82	88	270	2	225	4	10	0	—	5·5	81	c.
14	1015·8	1009·8	87·9	85·2	n 90	84	1·8	0·5	13·5	13·2	80	93	315	5	293	3	10	8	2·0	—	81	o., with occasional ●.
15	1009·7	1007·8	84·7	83·8	n 90	78	2·6	2·4	9·8	9·5	71	73	270	5	293	1	5	2	—	14·0	76	Fine, but cool.
16	1007·9	1007·8	86·6	85·8	91	n 75	2·6	2·9	11·2	10·2	71	69	270	2	270	1	5	5	—	11·8	n 74	Fine.
17	1009·6	1012·4	85·8	81·3	n 90	n 75	2·2	0·4	11·2	10·2	75	94	45	2	225	1	9	7	0·5	5·0	n 74	Bright early to o. ⌓ *n.*
18	1010·2	1005·8	87·0	84·6	n 90	78	3·0	1·0	10·8	11·9	68	87	270	4	180	3	4	10	4·1	4·0	76	Bright *a.*, to dull and o.
19	1004·3	1010·4	86·5	86·4	n 90	83	0·6	0·2	14·2	14·9	93	98	90	1	360	2	10	9	x 20·6	0·9	83	o. most of day. ●^{2} 13 h. 30 m.
20	1014·8	1012·4	88·6	86·8	92	84	1·8	0·5	14·2	14·9	81	94	360	2	270	3	6	10	1·0	3·4	84	Bright early. ● afternoon.
21	1015·0	1012·4	88·0	87·4	91	84	3·2	0·5	11·2	15·2	67	93	315	5	270	3	6	3⌓	—	6·6	80	Bright morning. c.
22	1012·4	1018·2	86·9	83·1	n 90	83	2·5	2·3	11·5	8·8	73	73	247	5	293	5	5	0	—	6·1	79	Fine.
23	1021·7	1022·3	84·1	84·8	91	80	3·9	3·4	7·8	[illegible]	n59	64	[illegible]	[illegible]	[illegible]	[illegible]	7	1	0·3	12·0	78	Fine.
24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	·10●^{0}	5	0·3	5·6	76	Bright early, then dull.
25	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9	10	0·5	5·6	75	o. Sunny intervals. ● 18 h.
26	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5	9	—	2·7	76	c.
27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4	9	—	6·1	n 74	Fine till 10 h. 30 m., then dull.
28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10	10	—	2·0	80	Dull.
29	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9	1	—	10·3	77	Continuous sun from 9 h.
30	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	2	—	11·9	77	Beautiful warm day.
Mean	1019·3	1018·8	86·8	86·1	92·3	80·2	2·1	1·7	12·2	12·3	77	81		2·6		2·0	6·2	4·2	30·1	7·10	77·8	
Mean Pressure at Station Level.	1017·7	1017·1																				

x denotes the maximum and *n* the minimum value in the column.

ARMAGH, a.c.d.—JUNE 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 59·8 m. ; Barometer, H_b = 61·6 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Cups of Anemometer, h_a = 15·2 m. Lat. 54° 21′ N. Long. 6° 39′ W. *Time*, Local mean time, 25 m. after Greenwich.

Day.	Air Pressure at Mean Sea Level.		Air Temperature in Degrees Absolute.				Humidity. Depression of Wet Bulb.		Humidity. Vapour Pressure.		Humidity. Percentage.		Wind. Veer from North and Force or Speed.				Cloud Amount and Weather.		Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.		9 h.	21 h.				
	millibar.		a. 200 +	a. 200 +	a. 200 +	a. 200 +	°	°	millibar.		%	%	°	m/s.	°	m/s.	Tenths of Sky covered.		mm.	hr.	a. 200 +	
1	1033·8	1032·5	91·3	90·9	99	82	2·0	2·9	16·6	14·5	80	71	—	1	—	1	1	4	—	14·6	76	Very fine.
2	1030·1	1026·7	93·5	89·4	x100	84	3·3	2·0	16·5	14·6	69	79	—	1	—	1	1	5	—	13·0	78	Very fine. ↯ 17 h. 30 m.
3	1024·4	1023·3	92·6	88·2	97	84	3·6	1·8	15·1	13·8	n66	81	—	1	—	0	1	6	—	12·3	78	Very fine.
4	1024·7	1024·7	90·8	87·0	95	82	2·9	1·6	14·4	13·1	72	82	—	1	—	1	1	5	—	13·3	77	Very fine.
5	1023·7	1022·0	91·3	89·6	97	81	1·5	2·5	17·6	13·8	84	74	180	3	180	3	1	4	—	14·5	75	Very fine.
6	1021·0	1015·9	89·6	89·7	97	x86	1·5	1·3	15·7	16·1	84	85	203	4	203	6	4	10	3·0	4·9	81	Fine till noon, then o.
7	1022·0	1026·1	84·1	83·9	91	81	1·0	1·5	11·5	10·6	87	81	—	1	—	0	9	8	—	11·0	79	Very fine.
8	1027·7	1022·3	86·3	86·8	90	81	2·2	1·6	11·5	12·9	75	82	225	2	180	5	4	10	x7·1	4·5	74	c.
9	1008·1	1017·6	83·0	82·6	87	82	0·7	0·8	11·0	10·8	91	91	225	8	337	4	10	10	2·9	—	82	o. ●^{2} 15 h. 45 m.
10	1024·0	1026·7	85·7	83·5	92	81	1·5	0·9	12·0	11·3	82	89	360	2	—	1	8	5	0·1	6·5	79	Fine.
11	1027·1	1027·7	85·8	84·2	88	82	1·1	1·2	12·8	11·3	88	85	—	0	—	0	10	9	—	0·1	76	o.
12	1023·7	1022·0	84·8	85·8	89	79	1·1	0·6	11·8	13·5	86	92	225	4	—	1	9	10	0·8	0·2	74	o.
13	1018·9	1012·5	88·4	85·5	90	84	0·8	0·7	15·7	13·1	91	91	225	3	270	3	6	10	0·2	7·3	82	Fine.
14	1013·9	1010·1	84·2	79·6	89	80	1·3	0·5	11·1	9·0	84	93	247	2	247	2	9	6	0·4	10·5	77	Very fine.
15	1007·4	1007·1	83·1	80·9	87	n77	1·7	0·6	9·8	9·7	80	93	—	1	—	1	5	7	2·5	9·4	75	Fine.
16	1007·4	1010·8	82·6	81·4	n86	n77	0·3	0·9	11·5	9·7	97	89	315	2	337	2	10	10	0·4	0·4	n72	o.
17	1011·8	1010·1	83·5	82·0	n86	79	0·4	0·3	12·1	10·9	95	96	—	1	—	1	9	10	1·6	1·1	75	Mostly o.
18	1000·3	1000·7	81·8	83·5	n86	81	0·1	0·0	11·0	12·6	98	100	135	5	—	1	10●	10	1·2	1·3	80	Mostly o.
19	1008·8	1015·2	86·7	84·4	90	83	1·0	0·7	13·7	12·2	88	90	—	1	—	0	9	9	2·0	2·1	82	c.
20	1011·2	1014·2	84·2	83·5	90	82	0·0	0·6	13·2	11·8	100	93	203	5	—	1	10●	5	2·5	1·6	79	● a. c.
21	1012·2	1012·8	83·8	84·1	90	82	0·3	0·5	12·4	12·2	96	93	203	3	—	1	10●	6	0·7	2·7	79	● a. c.
22	1013·9	1021·7	84·6	81·9	88	82	1·7	0·5	10·8	10·6	80	93	315	2	—	1	5	4	0·1	11·1	80	Very fine.
23	1026·4	1023·3	85·3	84·1	90	80	1·2	0·6	12·1	12·2	84	93	—	1	—	0	9	10	—	7·4	75	Fine.
24	1019·3	1020·6	85·7	81·2	90	81	1·7	0·3	11·7	10·4	80	96	337	2	—	1	8	5	—	7·9	81	Fine.
25	1019·3	1021·3	84·5	82·2	90	79	1·2	0·5	11·6	10·8	86	94	360	2	360	2	6	9	—	12·0	73	Very fine.
26	1021·3	1020·0	84·2	83·7	90	81	0·9	0·6	11·7	11·9	89	93	360	2	—	1	10	9	—	7·4	79	Fine.
27	1016·9	1015·6	85·7	85·1	88	82	0·4	0·6	13·9	13·0	95	92	—	1	—	1	10	10	0·2	0·6	77	Mostly o.
28	1017·9	1022·0	85·9	85·8	88	83	0·7	0·2	13·4	14·2	90	96	—	0	—	0	10	10	—	—	82	o.
29	1024·4	1025·7	88·6	88·6	93	84	1·5	0·1	14·8	17·4	84	98	—	0	—	0	6	10	—	3·5	82	Fine to dull, then fine.
30	1024·4	1022·3	87·5	86·7	96	x86	0·4	0·6	15·5	14·4	94	93	—	1	—	1	10	1	—	5·4	84	Dull a., then fine.
Mean	1018·9	1019·1	86·3	84·8	90·9	81·6	1·3	0·9	13·1	12·4	86	89		2·1		1·4	7·0	7·6	25·7	6·23	78·1	
Mean Pressure at Station Level.	1011·5	1011·6																				

DUBLIN (PHŒNIX PARK), a.c.—JUNE 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 47·3 m. ; Barometer, H_b = 48·5 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Lat. 53° 22′ N. Long. 6° 21′ W. *Time*, Local mean time, 25 m. after Greenwich.

													°	0–12	°	0–12						
1	1033·8	1032·5	93·3	83·8	94	78	6·0	0·4	11·9	12·2	n50	94	225	2	—	0	0	0	—	14·0	75	Beautiful day. Clear n.
2	1029·8	1026·1	94·6	86·0	x96	79	5·6	1·3	13·9	12·5	54	85	—	0	—	0	0	1	—	14·3	75	Beautiful day. Clear n.
3	1024·4	1023·7	92·8	85·7	94	80	5·6	0·7	11·9	13·5	52	92	—	0	90	1	1	1	—	13·7	77	Beautiful day. Clear n.
4	1024·4	1024·7	89·4	85·4	92	82	2·3	1·3	14·2	12·2	76	84	90	4	—	0	0	0	—	13·7	77	Beautiful day. Clear n.
5	1024·4	1022·7	91·2	84·7	94	79	3·2	0·5	14·2	12·9	69	94	270	1	270	1	0	1	—	12·8	75	Beautiful day. Clear n.
6	1022·0	1018·3	91·7	89·5	95	83	2·9	1·1	15·2	16·6	72	89	225	3	225	4	4	9	1·4	6·6	77	Fine. o. n.
7	1023·3	1025·7	87·4	87·2	90	83	4·2	3·0	9·5	11·2	59	69	225	5	225	3	7	6	—	9·0	80	● showers early. Fine.
8	1028·1	*1025·4*	87·7	86·6	92	79	4·3	2·3	9·8	11·5	58	75	—	0	225	3	7	8	5·0	8·8	74	Fine. o. n.
9	1013·9	1017·6	84·7	83·2	89	79	1·8	2·1	10·8	9·1	79	76	225	8	315	8	10●	10	x5·6	0·5	76	● a. and p. /
10	1024·4	1026·4	85·0	84·2	92	81	2·0	1·2	10·8	11·2	76	85	270	6	—	0	8	5	—	10·2	78	Fine.
11	1027·4	1027·7	86·8	83·9	90	79	1·2	0·5	13·5	12·2	86	93	—	0	—	0	8	8	—	2·2	74	c.
12	1025·4	1023·0	86·2	84·2	90	77	2·6	1·2	10·8	11·2	71	85	270	4	270	3	7	10	1·5	5·0	72	c.
13	*1021·0*	1015·2	89·3	86·8	92	81	2·4	1·0	13·9	13·9	76	89	270	5	225	6	7	10	—	8·9	75	●^{2} showers. Fine.
14	1014·9	*1010·8*	84·6	85·4	88	81	2·1	2·0	10·2	10·8	76	76	225	4	225	3	9	7	0·7	4·9	78	c. ● showers p.
15	1009·8	*1006·8*	83·8	82·2	87	78	2·7	0·8	8·8	10·5	69	90	270	5	270	2	8	8	1·8	13·4	75	Fine. ● showers p.
16	1008·4	1011·2	82·9	82·1	n86	76	1·5	1·9	9·8	8·8	82	77	—	0	270	3	10●	8	1·0	1·7	73	● a. and p. c.
17	1012·5	1010·5	84·3	81·9	87	80	2·5	0·6	9·5	10·5	72	91	—	0	—	0	8	8	1·8	1·9	77	c.
18	999·6	999·6	82·9	84·1	91	80	0·5	1·0	11·2	11·5	93	87	—	0	315	3	10●	3	4·7	0·3	77	● a. Mostly o.
19	1009·1	*1014·5*	86·3	85·5	—	x84	1·2	0·8	13·2	12·9	86	91	315	4	—	0	8	7	1·9	1·3	77	●^{0} showers a. c.
20	1012·5	1015·2	85·1	85·3	—	82	0·5	1·4	13·2	11·9	94	83	270	4	315	5	10●	7	2·7	0·5	77	Mostly o. ● showers p.
21	1012·8	1015·9	84·7	85·8	—	82	0·1	1·7	13·5	11·9	99	80	—	0	225	6	10●	9	1·8	1·6	80	● a. and p. c.
22	1016·6	1022·3	85·2	82·1	—	82	3·4	1·7	9·1	9·1	63	80	270	6	225	3	8	6	—	8·6	81	Fine.
23	1027·4	1023·3	85·1	85·7	—	79	2·6	1·8	9·8	11·5	71	79	270	5	270	1	9	8	—	8·2	76	Fine. o. n.
24	1019·6	1020·0	88·1	83·2	—	82	2·4	1·4	12·5	10·2	74	83	315	4	315	3	7	6	—	7·3	81	Fine.
25	1019·6	1020·0	84·5	82·7	—	80	2·8	2·1	9·5	8·8	69	74	315	4	315	3	5	4	—	11·3	76	Very fine.
26	1022·0	1020·3	84·1	83·7	—	n75	2·3	1·3	9·8	10·8	74	85	315	3	270	2	10	5	0·2	6·6	n70	Fine.
27	1018·3	1018·3	86·0	84·9	—	77	0·6	0·8	13·9	12·5	94	90	270	3	225	2	10	10	0·4	0·1	76	o.
28	1018·6	1021·7	86·4	84·4	89	80	0·5	1·7	14·2	10·5	93	78	225	1	225	2	10	10	—	—	78	o.
29	1025·0	1025·7	89·0	85·7	92	80	2·8	1·6	12·9	11·9	72	81	225	1	—	0	10	10	—	6·9	76	Fine.
30	1024·0	1021·7	91·2	87·5	95	x84	0·5	1·8	19·6	13·2	94	80	—	0	—	0	8	2	—	1·1	81	c.
Mean	1019·7	1019·6	87·2	84·8	—	80·1	2·4	1·4	12·1	11·6	75	84		2·7		2·2	7·0	6·2	30·5	6·50	76·5	
Mean Pressure at Station Level.	1013·9	1013·6																				

x denotes the maximum and n the minimum value in the column.

METEOROLOGICAL OFFICE, LONDON,
August 24th, 1918.

[*Price Sixpence.*

DAILY READINGS AT METEOROLOGICAL STATIONS OF THE FIRST AND SECOND ORDERS, 1918.

DEERNESS, ORKNEY, a.b.c.—JULY 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 48·8 m. ; Barometer, H_b = 49·7 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 1·2 m. Cups of Anemometer, h_a = 4·9 m. Lat. 58° 56′ N. Long. 2° 45′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level.		Air Temperature in Degrees Absolute.				Humidity. Depression of Wet Bulb.		Humidity. Vapour Pressure.		Humidity. Percentage.		Wind. Veer from North and Force or Speed.				Cloud Amount and Weather.		Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.		9 h.	21 h.				
	millibar.		a. 200 +	a. 200 +	a. 200 +	a. 200 +	°	°	millibar.		%	%	°	m/s.	°	m/s.	Tenths of Sky covered.		mm.	hr.	a. 200 +	
1	1016·9	1017·6	82·3	81·7	n84	80	0·2	0·6	11·4	10·4	97	93	236	4	337	4	10●^{0}	2	4·2	—	No record.	● 9 h.–16 h.
2	1028·1	1031·1	84·5	83·9	86	n78	2·7	1·1	9·3	11·3	69	87	337	2	293	2	6	10	—	5·9		Fine all day.
3	1031·5	1028·8	83·9	84·8	89	81	1·7	2·2	10·4	10·3	80	75	293	5	270	3	10	0	—	8·0		Fine all day.
4	1028·4	1023·0	84·3	84·0	87	81	3·2	2·0	8·7	10·0	n65	76	293	8	225	6	7	10	3·6	10·0		Fair. ● p.
5	1013·2	1013·2	83·9	83·2	86	81	0·6	0·3	12·1	11·9	92	96	270	9	270	4	10	10	2·3	—		● a. ● showers p.
6	1015·9	1018·3	83·9	82·8	86	82	0·9	0·7	11·6	10·9	89	91	315	6	90	2	8	9	0·2	5·5		● showers a. Fine p.
7	1016·2	1011·5	85·6	84·6	88	82	1·3	0·2	12·2	13·2	85	97	191	3	—	0	10	10	6·3	0·7		Dull. ● after 13 h.
8	1006·8	1004·7	86·1	83·4	87	83	0·8	0·1	13·5	12·4	90	98	146	3	360	2	8	10≡:^{2}	5·9	0·7		Fair a. ● 15 h.–18 h., then ≡:^{2}.
9	1004·0	1001·7	84·7	84·1	85	83	0·2	0·1	13·2	13·0	97	99	—	0	90	5	10≡	10≡^{2}	7·5	—		≡ all day. ● 17 h.–20h. ≡^{2} 21 h.
10	1004·0	1004·4	83·8	83·4	86	82	0·4	0·3	12·2	12·2	94	96	169	2	101	3	10	3≡^{0}	—	6·3		g. a. Fine p. ≡^{0} after 20 h.
11	1002·7	995·2	84·6	83·1	86	83	0·7	0·2	12·4	12·0	91	97	90	7	326	7	10	10●	14·2	0·7		Dull. ●^{2} after 18 h.
12	992·9	999·3	82·9	83·4	86	82	0·6	0·7	11·3	11·5	93	91	169	12	146	4	10	10●	0·5	6·5		●^{2} early. ●^{0} at times p.
13	1003·4	1007·1	85·2	84·4	87	82	0·9	0·7	12·5	12·3	89	92	124	4	—	0	8	2	—	10·7		Fine a. Very fine p.
14	1009·1	1009·1	87·8	84·6	89	82	2·3	0·6	12·5	12·6	75	93	146	3	113	5	1	0	—	15·1		Very fine all day.
15	1009·8	1012·2	84·4	84·2	87	84	0·6	0·3	12·5	12·7	93	96	113	8	90	6	10	10≡^{0}	—	0·1		≡^{0} till 20 h., then ≡.
16	1010·8	1003·0	84·2	84·4	85	84	0·1	0·0	13·1	13·4	99	100	90	7	67	6	10≡:^{2}	10≡:^{2}	4·4	—		≡:^{2} a. ≡:^{2} after 19 h.
17	1006·4	1009·1	87·2	84·6	x91	83	0·7	0·6	14·9	12·6	92	93	157	4	360	4	1	4	3·0	12·0		Very fine. [and n.
18	1000·7	995·9	84·4	84·4	86	84	0·0	0·2	13·4	13·1	100	97	45	5	214	6	10●≡	10●	x28·9	—		≡ a. ● till 16 h., 19 h.–21 h.,
19	1004·7	1009·8	85·6	84·6	90	84	0·8	0·7	13·0	12·4	90	91	214	8	—	0	10	2	—	3·5		Dull a. Fine p.
20	1010·1	1008·8	86·2	85·0	89	83	1·2	0·2	13·0	13·6	86	98	135	2	90	4	10	10●	4·0	2·2		Fine a. ≡^{0}≡● after 19 h.
21	1006·1	1007·1	84·4	83·9	86	84	0·3	0·0	13·0	13·0	97	100	56	8	45	6	10≡	10●^{2}	17·9	—		≡ a. ●^{2} after 19 h.
22	1007·1	1003·4	83·7	84·4	85	84	0·4	0·0	12·2	13·4	95	100	67	7	90	4	10	10≡:^{2}	4·1	—		g. ●≡^{0}, ≡:, ≡^{2} after 19 h.
23	999·3	998·6	85·6	85·6	86	x85	0·0	0·1	14·4	14·2	100	99	113	7	124	7	10●≡	10≡^{2}	11·6	—		● till 15 h., then ≡:^{2}.
24	998·3	1000·7	85·0	83·1	86	83	0·0	0·2	14·0	12·1	100	98	124	2	259	3	10●≡^{2}	2	13·0	—		●≡ till 17 h., then fair.
25	1004·0	1006·1	85·6	86·1	87	82	0·8	0·6	13·1	14·0	90	93	169	4	124	3	6	2	—	12·5		Fine. ⊕ a. ≡ n.
26	1010·8	1014·2	85·0	84·4	87	82	0·0	0·6	14·0	12·5	100	93	67	5	23	3	10≡	8	1·2	0·7		≡:^{2} all a. ● showers n.
27	1015·6	1017·9	84·0	82·8	86	82	0·6	1·4	12·2	9·8	93	82	337	7	326	6	10	10	—	—		Dull, but fair.
28	1020·6	1021·3	83·9	83·8	86	82	1·7	1·0	10·4	11·3	80	88	315	6	315	2	10	9	—	4·7		Fair to fine.
29	1021·3	1022·0	85·6	83·2	87	82	1·2	0·7	12·3	11·3	86	91	—	1	—	1	8	10	—	7·2		Fine all day. ≡ n.
30	1022·3	1021·3	82·5	83·6	85	82	0·3	0·3	11·4	12·2	96	96	90	2	90	4	10≡	4	—	3·3		≡^{2} a. Fair p.
31	1020·3	1020·0	84·9	83·0	87	82	1·3	0·8	11·6	10·9	84	90	90	4	79	2	9	6	—	5·2		Fine all day.
Mean	1011·0	1010·9	84·7	84·0	86·7	82·4	0·9	0·6	12·3	12·1	90	93		5·0		3·7	8·8	7·2	132·8	3·92		
Mean Pressure at Station Level.	1004·9	1004·8																				

ABERDEEN, a.c.e.—JULY 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 14·0 m. ; Barometer, H_b = 26·8 m. Heights above Ground :—Therms., h_t = 12·5 m. Rain-gauge, h_r = 0·61 m. Cups of Anemometer, h_a = 21·9 m. Lat. 57° 10′ N. Long. 2° 6′ W. *Time*, Greenwich mean time.

																			0 h. to 24 h.			
1	1017·6	1020·5	85·6	84·9	87	84	2·0	0·8	11·1	12·4	77	90	105	2	—	1	8	10	0·2	1·4	*83*	Dull to c. ●^{0} afternoon.
2	1028·0	1032·5	85·7	83·5	87	80	3·4	2·5	9·3	9·0	64	71	360	3	—	1	8	0	—	14·1	80	Fair to fine. v.
3	1032·4	1030·6	86·3	85·1	89	80	3·1	2·0	10·2	10·8	67	77	315	4	180	2	10	1	—	7·8	77	Dull to fine.
4	1029·4	1026·0	88·0	84·0	89	83	3·6	1·7	10·8	10·3	64	79	315	4	210	2	7	10	1·1	5·1	79	Fair to dull. ●^{0} afternoon.
5	1016·4	1015·1	87·8	86·2	89	83	3·8	1·4	10·4	12·7	62	84	255	4	—	1	10	10	1·2	0·2	82	Dull. ●^{0} occasionally.
6	1017·1	1019·5	87·6	85·2	91	85	3·3	2·3	10·9	10·4	66	74	315	5	—	1	4	10	—	6·7	84	Fair to dull. v.
7	1016·9	1013·0	89·2	89·2	92	83	3·5	2·3	11·9	13·9	65	76	—	0	225	2	9	8	7·4	4·6	83	c. ●^{2} showers.
8	1007·6	1004·6	87·9	87·2	92	84	1·7	2·2	13·6	12·2	81	76	150	3	—	1	9	8	—	4·2	84	Fair to dull.
9	1003·0	1002·4	85·2	84·5	88	83	1·2	1·3	12·0	11·3	85	84	60	5	180	2	10	0	—	2·0	79	Dull, with ≡^{0}. Fine late n.
10	1003·5	1002·8	86·6	84·7	88	n79	2·3	1·2	11·6	11·6	75	85	315	2	120	4	4	5	—	9·2	n75	Fine to fair. ⌓≡^{0} early.
11	1000·0	998·3	84·4	83·4	n85	83	0·5	1·0	12·6	10·9	94	87	90	3	270	2	10	10	11·7	—	82	Dull, with ●^{0}.
12	997·6	1000·0	85·7	85·1	88	83	1·6	1·7	11·8	11·2	81	80	180	4	—	1	7	8	—	4·0	81	Fair to dull.
13	1003·8	1008·0	87·7	86·1	90	83	3·9	2·4	10·1	11·0	61	73	270	3	225	2	4	4	0·9	4·4	79	c. to fine. ●^{0} showers afternoon.
14	1009·3	1007·6	88·0	85·9	90	83	3·6	0·8	10·8	13·3	64	90	180	3	135	5	1	4	—	14·7	77	Fine. Fair n.
15	1008·4	1010·9	85·0	84·1	87	84	0·0	0·1	13·9	13·0	100	99	135	5	120	2	10	*10*	4·0	—	84	Dull, with ≡● ; ≡: later.
16	1008·4	1004·4	84·6	87·1	90	84	0·0	0·8	13·5	14·5	100	91	45	3	180	3	10	7	22·9	1·4	84	≡:●^{2} a. Dull to fair n.
17	1007·2	1007·9	91·3	86·4	x93	x86	2·2	0·8	16·0	13·8	77	90	180	3	135	2	2	4	0·3	13·7	83	●^{0} early. Fair to fine.
18	999·5	1000·8	86·8	88·2	92	x86	0·3	2·2	15·0	13·0	96	76	—	1	225	3	10	8	14·4	0·4	84	Dull. ●^{2}≡. T●^{0} 17 h.
19	1007·6	1011·4	90·4	88·9	x93	x86	4·9	2·8	10·8	12·7	n55	71	225	6	225	4	4	4	0·3	10·9	85	Fair, with ●^{0} ; very fine n.
20	1010·2	1005·7	88·3	85·5	89	85	2·2	0·0	13·1	14·4	76	100	180	2	75	6	10	10	13·6	—	82	Dull to ●^{2}≡^{0}.
21	1003·1	1005·1	85·2	84·9	86	85	0·0	0·4	14·1	13·1	100	95	60	4	300	6	10	10	x39·0	—	85	≡:, then ●^{2} all day.
22	1005·9	1002·3	86·0	85·7	87	85	0·6	0·1	13·8	14·4	93	99	—	1	135	4	10	10	6·2	0·6	84	Dull ; ●≡^{0}.
23	999·2	998·1	86·1	86·0	87	x86	0·2	0·0	14·7	14·9	98	100	150	4	150	3	10	10	9·7	—	85	Dull ; ≡●^{0}.
24	999·4	1002·4	86·5	86·6	90	84	1·1	1·3	13·4	13·1	87	85	—	1	—	0	10	1	15·5	3·6	84	Dull to fine. T● showers.
25	1005·2	1006·5	88·0	86·3	90	82	2·0	1·2	13·2	13·0	78	86	165	4	165	2	2	2	—	14·1	77	Fine all day. ⊕ noon.
26	1008·5	1012·8	86·3	85·5	87	82	0·4	1·1	14·4	12·5	95	87	45	3	15	3	10	10	—	2·3	78	c. to dull and ≡^{0}.
27	1015·2	1018·2	86·3	84·9	88	84	1·9	1·7	11·8	11·0	78	80	315	6	330	4	10	10	1·8	2·0	83	Dull to c. ●^{0} showers.
28	1021·2	1022·2	85·0	85·1	88	83	1·9	1·0	10·8	12·3	78	88	315	3	—	0	10	8	—	2·1	83	Dull to c.
29	1021·4	1021·9	86·2	84·7	89	83	1·5	1·1	12·4	11·8	82	86	240	2	—	1	8	0	—	9·4	78	Dull to fine.
30	1022·4	1021·2	84·4	82·6	86	80	0·9	0·5	11·9	11·0	89	93	60	2	—	1	10	10	—	1·2	78	Fair to dull. ≡:^{0}
31	1020·3	1019·3	82·3	83·9	86	82	0·3	1·1	11·1	11·1	96	86	—	1	—	1	10	10	—	6·7	82	Dull and ≡^{0} to fine.
Mean	1011·2	1011·4	86·6	85·5	88·7	83·2	1·9	1·3	12·3	12·3	80	85		3·1		2·3	8·0	6·8	150·2	47·4	81·4	
Mean Pressure at Station Level.	1007·9	1008·1																				

Corresponding Normal Values are referred to thus:—a. Appendix IV., "Weekly Weather Report," 1913; b. Appendix I., "Meteorological Observations at Stations of the Second Order," 1891; c. "Temperature Tables of the British Islands," 1871–1900; d. "Rainfall Tables of the British Islands," Part I., 1866–1880. Part II., 1881–1890; e. "Hourly Values," *Geophysical Section*, 1912.

Wt. 15559/478—250—9/18.—N. & Co., Ltd. Cp. XV.

Fort William, Inverness-shire, a.c.—July 1918.

Heights above Mean Sea Level:—Rain-gauge Site, H = 52·1 m.; Barometer, H_b = 11·6 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Lat. 56° 49′ N. Long. 5° 7′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level.		Air Temperature in Degrees Absolute.				Humidity. Depression of Wet Bulb.		Humidity. Vapour Pressure.		Humidity. Percentage.		Wind. Veer from North and Force or Speed.				Cloud Amount and Weather.		Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.		9 h.	21 h.				
	millibar.		a. 200+	a. 200+	a. 200+	a. 200+	°	°	millibar.		%	%	°	0–12	°	0–12	Tenths of Sky covered.		mm.	hr.	a. 200+	
1	1018·9	1021·0	85·3	85·7	88	84	1·2	1·6	12·2	11·9	85	82	225	2	—	0	10●^{0}	10	—	No record.	No record.	Dull and c. ●^{0} showers.
2	1028·1	1031·1	88·6	85·8	95	82	3·6	1·7	11·4	11·8	64	81	—	0	—	0	1	0	—			Very fine and sunny.
3	1032·8	1032·2	88·1	87·4	96	80	2·7	2·4	12·2	12·2	72	75	—	0	—	0	4⌓	8	—			Very fine and sunny.
4	1030·5	1027·4	86·9	84·5	91	83	1·7	2·1	12·7	10·3	81	76	225	2	225	2	10	10●^{0}	—			Fine and sunny. ● shower 21 h.
5	1018·9	1016·9	84·2	84·7	88	84	1·0	0·6	11·6	12·6	87	93	225	4	—	0	10●^{0}	10●	1·3			Dull. Occasional ●^{0} showers.
6	1018·6	1019·6	87·7	85·3	92	84	2·2	0·7	12·6	13·1	76	92	270	2	270	1	9	10≡^{0}	1·8			Dull. ●^{0} showers. Sunny spells.
7	1016·2	1012·5	86·9	86·1	88	84	0·3	0·3	15·2	14·4	97	96	225	1	225	1	10●	10●	*x* 16·8			Continuous d. ≡^{0} on hills.
8	1007·4	1005·1	85·5	82·4	91	82	1·1	1·1	12·5	10·1	87	86	—	0	—	0	10	3	—			c., but fair.
9	1001·7	1000·3	88·3	81·9	90	*n* 77	3·6	1·1	11·0	9·7	64	86	45	2	—	0	2	9	2·5			Fine *a.* T●^{2} showers *p.*
10	1002·0	1001·0	89·9	82·8	91	78	2·4	0·4	14·4	11·4	75	94	225	1	—	0	4	8	4·6			Fine *a.* ☈● showers *p.*
11	999·3	998·6	85·2	83·9	92	81	1·6	1·5	11·5	10·6	81	82	—	0	—	0	8	2	—			Sunny spells. Dull afternoon.
12	997·3	998·6	84·4	83·8	*n* 85	80	1·4	1·3	11·1	10·8	83	84	—	0	—	0	10●	10●	6·1			Continuous d.
13	1004·4	1009·1	84·9	83·8	87	83	0·8	0·3	12·4	12·4	89	96	—	0	—	0	10	10	9·7			●^{2} showers all day.
14	1007·1	1002·4	86·6	89·7	94	80	2·1	3·8	12·0	12·0	77	*n* 63	—	0	—	0	9	9	0·3			Fine.
15	1005·7	1009·1	89·1	86·2	94	*x* 86	1·4	1·6	15·4	12·4	85	82	—	0	—	0	10	2	0·5			Fine. ∞^{0}. ●^{2} shower.
16	1005·4	1004·0	88·0	85·9	88	83	1·9	0·4	13·3	14·1	79	96	135	1	—	0	10●	10	2·5			Occasional ●^{0} showers.
17	1007·4	1005·1	88·7	90·1	95	85	1·5	3·2	14·8	13·2	84	68	—	0	—	0	4	8	5·8			Fine and sunny. ● *n.*
18	1000·0	1002·7	87·7	85·8	90	85	1·6	0·6	13·7	13·6	82	93	—	0	—	0	10	10●	6·9			≡^{0} on hills. Continuous ● *p.*
19	1007·4	1010·1	85·9	85·8	89	85	0·4	1·1	14·1	12·7	96	87	—	0	—	0	10	6	3·3			Very dull. Showery. Fine evening.
20	1008·4	1005·4	88·0	86·9	92	84	1·4	1·4	14·3	13·2	85	84	—	0	—	0	9	10	14·0			Fair, but c. ● *n.*
21	1005·1	1007·4	85·5	85·2	87	85	0·6	0·8	13·4	12·6	94	90	225	1	—	0	10●	10	9·1			Continuous ● all day.
22	1004·4	998·6	88·3	86·3	91	80	1·8	0·3	13·7	14·7	80	97	—	0	—	0	6	10●	14·2			Very fine *a.* ● after 11 h.
23	996·6	997·3	88·6	85·9	91	*x* 86	0·6	0·4	16·5	14·1	94	96	—	0	180	2	10	10●	11·7			Dull. Hill ≡^{0}. Showers all day.
24	1000·3	1002·4	87·0	84·1	91	84	1·2	1·0	13·6	11·5	86	87	270	2	—	0	9	4	2·3			Hill ≡^{0}. Occasional ●^{2} showers.
25	1002·7	1003·7	86·4	85·2	90	84	2·1	1·4	11·9	11·7	77	83	225	1	—	0	10	10	1·3			Dull. Occasional ●^{2} showers.
26	1007·4	1013·5	89·1	86·1	92	84	3·6	1·3	11·7	12·7	65	85	90	3	135	2	6	4	3·6			Very fine *a.* T●^{2} showers *p.*
27	1016·9	1018·9	87·3	86·1	93	82	2·3	1·8	12·2	11·8	75	79	—	0	—	0	9	3	—			Fine and bright. ∞^{0}.
28	1022·0	1021·0	86·1	84·7	94	81	2·1	1·0	11·5	12·0	76	87	—	0	—	0	9	1	—			Very fine. Hill ≡^{0}.
29	1021·0	1020·3	89·8	87·7	97	80	2·9	1·3	13·4	14·2	71	85	—	0	—	0	2	3	—			Very fine and sunny.
30	1020·3	1018·6	90·8	88·6	*x* 98	84	2·5	1·4	15·1	14·9	75	85	—	0	—	0	0	1	—			Very fine and sunny.
31	1015·6	1016·9	91·4	88·0	96	84	2·9	1·7	15·0	13·7	72	82	135	1	45	3	1	2	—			Very fine and sunny.
Mean	1010·6	1010·7	87·4	85·7	91·5	82·7	1·8	1·3	13·1	12·5	80	86	0·7		0·4		7·5	6·9	118·3			
Mean Pressure at Station Level.	1009·2	1009·3																				

Douglas, Isle of Man, a.—July 1918.

Heights above Mean Sea Level:—Rain-gauge Site, H = 84·5 m.; Barometer, H_b = 86·6 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Lat. 54° 10′ N. Long. 4° 28′ W. *Time*, Local mean time, 20 m. after Greenwich.

1	1021·3	1022·3	86·9	85·1	89	83	2·1	0·4	12·2	13·2	77	95	315	3	293	3	4	10	—	11·1	79	Very fine.
2	1027·7	1031·8	89·1	84·9	91	84	2·8	0·8	12·9	12·5	72	89	67	3	293	3	3	2	—	11·7	83	Very fine.
3	1032·2	1032·5	88·6	87·4	91	*n* 82	2·3	1·3	13·5	13·9	76	84	135	2	315	1	0	2	—	14·1	*n* 77	⌓. Very fine.
4	1031·8	1030·5	91·3	84·1	93	84	3·3	1·9	14·2	10·2	68	77	270	1	315	3	8	8	—	4·0	83	c.
5	1025·0	1021·7	86·3	86·9	91	*n* 82	2·2	1·7	11·5	12·9	75	81	293	4	270	1	10	10	—	2·6	81	q. *a.* c.
6	1022·0	1022·3	86·9	86·3	91	85	1·1	0·1	13·9	14·9	87	98	315	3	293	2	6	8	—	5·6	84	c.
7	1021·3	1017·6	89·1	86·3	91	84	1·7	0·4	14·9	14·6	82	95	270	2	293	1	8	8	2·8	2·2	81	● early *a.* c. Occasional ●^{0}.
8	1009·5	1006·1	84·3	84·1	89	84	0·2	0·4	12·9	12·5	98	95	270	2	225	1	10●	8	7·9	7·1	81	o., with ● *a.*, then fine.
9	1002·4	1002·4	82·4	83·0	*n* 87	*n* 82	0·5	0·6	10·8	11·2	93	93	315	1	180	1	10	0⌓	—	10·0	82	☈● showers. ⌒ 6 h. Very fine from 10 h.
10	1001·7	1000·7	85·2	84·1	*n* 87	83	1·3	0·5	11·9	12·2	84	93	157	2	135	1	8	7	9·1	9·9	80	Very fine.
11	998·6	1000·7	83·6	84·1	88	*n* 82	0·3	0·0	12·2	13·2	97	100	90	2	247	1	10●	8	2·3	2·6	81	▲●^{2} showers 4 h. o. to c. 30 m.
12	998·6	1004·7	85·6	84·1	89	*n* 82	1·5	1·1	11·9	11·5	82	86	293	2	293	2	4	8	—	9·6	80	Fine.
13	1009·5	1011·2	87·4	85·2	90	*n* 82	2·5	0·5	12·2	13·2	74	93	270	3	270	1	6	8	—	10·2	80	⌓. Very fine. c. after 15 h.
14	1006·1	1003·4	87·7	85·8	89	84	1·2	0·0	14·2	14·6	86	100	113	3	225	1	7	10	10·2	1·8	82	⌓⌓. o. from 9 h. ●^{2} showers from 14 h.
15	1008·4	1008·4	86·9	87·4	90	85	0·4	0·5	14·9	15·2	95	93	225	2	90	2	10	10	13·2	5·6	85	o. Bright intervals.
16	1005·4	1006·4	87·4	86·3	89	*x* 86	0·0	0·0	16·3	15·2	100	100	203	2	225	2	10≡^{0}	10	1·0	0·4	87	●^{2} showers early. o.
17	1009·8	1004·7	88·6	87·2	91	85	1·2	0·3	15·2	15·6	88	96	135	2	203	1	4	10	0·8	5·8	85	Fine till 14 h. ● after 16 h.
18	1003·0	1009·5	87·1	85·8	91	85	0·4	0·6	15·2	13·5	96	93	203	2	225	2	10	2	0·3	5·6	85	≡ 8 h. Fine 11 h.–15 h. q. ● 19 h.
19	1013·2	1013·2	87·6	85·8	91	85	1·3	0·0	14·2	14·6	85	100	225	3	225	1	7	8	1·0	10·0	83	⌓. Very fine.
20	1007·1	1004·0	85·8	85·8	*n* 87	85	0·0	0·3	14·6	14·2	100	97	113	2	315	3	10●	10●	*x* 15·5	0·0	84	Continuous ●.
21	1009·1	1010·1	87·4	86·3	91	85	2·0	0·4	12·9	14·6	78	95	270	5	247	2	4	7⌓	4·6	11·4	84	● early. q. *a.* Very fine.
22	1003·4	999·6	85·8	87·2	*n* 87	85	0·0	0·0	14·6	15·9	100	100	135	3	225	3	10≡●	10≡●	6·6	0·0	84	≡●
23	997·9	1002·4	85·8	86·6	91	*x* 86	0·0	0·4	14·6	14·9	100	96	203	1	270	1	10≡	8	1·8	2·5	86	≡ till 13 h. c. ●*p.*
24	1003·7	1006·8	86·3	85·2	90	84	1·1	0·6	13·2	12·9	87	92	270	3	247	3	8	10●	0·5	7·1	82	Fine. Occasional ●^{0} after 16 h.
25	1007·8	1006·1	86·9	85·2	89	83	1·5	1·1	13·2	12·2	83	86	203	3	203	3	7	7	4·3	7·0	81	Fine. ●^{0} after 17 h.
26	1004·7	1011·2	86·6	85·8	90	84	0·8	0·9	13·9	13·2	90	90	157	2	360	2	8	0	—	6·6	83	c. to fine.
27	1016·9	1020·0	88·6	84·7	91	85	3·4	0·6	11·5	12·5	*n* 66	93	67	2	337	4	7	4	—	8·6	83	c. to fine.
28	1022·0	1022·7	87·4	84·9	90	84	1·9	0·2	12·9	13·5	79	96	293	2	315	1	8	4⌓	—	4·4	82	c.
29	1022·3	1022·3	86·9	85·2	90	85	0·6	0·5	14·6	13·2	93	93	203	2	293	1	10	0⌓⌓	—	5·2	82	⌓. c. Very fine after 15 h.
30	1021·3	1018·9	88·8	86·9	91	84	2·5	2·0	13·2	12·2	74	78	135	2	67	2	3	2⌓⌓	—	11·8	82	⌓⌓. Very fine.
31	1016·2	1014·5	91·1	92·4	*x* 96	84	2·0	1·9	16·6	17·9	80	81	90	3	90	2	3∞	10	—	9·8	83	⌓. Very fine till 16 h., then c.
Mean	1012·3	1012·5	87·1	85·8	90·0	83·9	1·4	0·6	13·5	13·6	85	92	2·4		1·8		7·2	6·7	81·6	6·71	82·4	
Mean Pressure at Station Level.	1002·0	1002·1																				

x denotes the maximum and *n* the minimum value in the column.
Temperatures at or below the normal freezing-point of water are printed in small type.

Birmingham (Edgbaston) a.*—July 1918.

Heights above Mean Sea Level:—Rain-gauge Site, H = 160·0 m.; Barometer, H_b = 165·2 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·5 m. Lat. 52° 28′ N. Long. 1° 54′ W. *Time*, Local mean time, 7 m. after Greenwich.

Day.	Air Pressure at Mean Sea Level.		Air Temperature in Degrees Absolute.				Humidity. Depression of Wet Bulb.		Humidity. Vapour Pressure.		Humidity. Percentage.		Wind. Veer from North and Force or Speed.				Cloud Amount and Weather.		Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.		9 h.	21 h.				
	millibar.		a. 200+	a. 200+	a. 200+	a. 200+	°	°	millibar.		%	%	°	0–12	°	0–12	Tenths of Sky covered.		mm.	hr.	a. 200+	
1	1020·5	1021·2	90·7	85·8	97	85	5·9	1·9	9·8	11·6	49	79	360	4	360	4	1≡^{0}	5	—	12·5	83	Beautiful day. y.
2	1024·2	1030·6	89·4	86·6	91	84	3·7	2·6	11·7	11·2	64	72	45	3	90	3	9≡^{0}	0	—	1·6	82	Mostly dull and c.
3	1031·8	1031·7	87·8	88·4	95	81	4·7	3·3	9·1	11·6	54	67	23	2	90	3	1∞	1∞	—	10·9	*n* 76	Beautiful *a.* y.
4	1031·7	1029·0	92·7	89·9	97	83	5·7	4·5	11·8	11·0	52	58	360	3	360	4	1∞	10∞	—	7·2	*n* 76	Fine to c. y.
5	1026·2	1021·9	88·5	87·4	94	85	5·7	5·6	8·6	8·0	*n* 48	*n* 48	315	4	293	4	6	4	—	4·0	83	Sunny 9 h.–11 h. and 17 h.–18 h.
6	1021·5	1022·9	88·8	86·8	93	84	3·7	2·3	11·3	11·7	63	74	337	4	360	4	10	1	—	6·6	83	Dull and c. *a.* Bright *p.*
7	1022·3	1018·7	90·8	90·7	97	86	4·3	4·1	12·2	12·4	60	62	315	3	315	3	5	10	—	8·3	80	Mostly fine.
8	1012·3	1007·1	91·7	87·0	95	87	4·3	3·9	13·0	9·6	61	60	225	3	293	3	7	7	—	5·2	84	Fine to c. ⊕ 10 h.
9	1007·5	1004·1	86·8	83·1	91	82	4·0	2·3	9·3	8·9	60	73	247	4	225	4	7	5	0·4	9·1	79	Sunny intervals. T 17 h.
10	1002·7	1002·6	84·9	83·2	90	*n* 80	1·8	1·2	10·9	10·5	79	85	203	3	270	2	9	6	5·3	3·7	*n* 76	●^{0} early. Mostly c. ☈^{0} *p.*
11	999·0	1005·3	86·7	83·2	*n* 89	81	2·9	0·6	10·7	11·5	68	92	247	5	270	4	8	7	6·2	4·6	78	c.; sunny intervals. ● 21 h.
12	998·7	1005·5	86·2	84·8	*n* 89	82	1·5	2·3	12·5	10·1	83	74	225	3	293	3	9●≡^{0}	8	3·2	4·2	80	● showers till 16 h.; sunny intervals.
13	1011·7	1012·6	88·4	86·9	94	81	3·8	2·1	10·8	12·1	64	76	315	3	293	2	7	5	0·4	9·7	79	Bright till 15 h., then threatening.
14	1008·2	1006·7	86·6	87·6	91	83	1·3	1·7	13·2	13·5	86	82	157	3	225	4	10≡^{0}	4	4·4	0·2	77	Dull. T●^{2} 17 h.
15	1011·5	1010·1	90·1	89·0	92	85	2·6	0·4	14·2	17·3	74	96	225	4	157	2	8	10●^{2}	*x* 6·9	1·4	82	Mostly dull. ●^{2} in evening.
16	1010·6	1009·4	92·2	89·9	95	*x* 89	3·2	1·8	15·3	15·4	70	80	225	5	225	3	8⊕	7	—	8·0	87	Fine to c.
17	1010·6	1006·5	91·5	88·6	95	87	2·9	0·6	15·1	16·4	72	93	225	3	225	3	8	9	2·3	3·0	86	Mostly dull and c. T *p.*
18	1005·7	1013·5	88·9	86·9	91	86	1·6	2·1	14·9	12·1	83	76	225	4	225	4	9	3	5·3	6·8	84	● and sunshine *a.* ☈ 11 h.–12 h., then ●^{2}.
19	1016·1	1014·6	89·9	89·3	92	84	3·1	1·1	13·2	16·0	69	88	225	3	203	2	7⊕	10	1·3	4·2	82	Fine *a.* to o.
20	1007·6	1004·2	89·7	87·3	95	85	1·4	1·4	16·0	13·7	85	85	203	4	293	3	10	6	3·2	0·9	85	☈ 2 h.–6 h. Very muggy.
21	1009·9	1012·4	88·3	87·0	92	85	3·9	2·2	10·6	12·0	62	75	293	5	270	3	8	3	1·8	11·6	84	Bright till 16 h.
22	1008·4	1003·9	87·7	86·9	90	85	1·9	0·8	13·1	14·3	78	91	203	4	203	4	10	10●	1·1	—	82	o., with ● showers.
23	998·7	1003·9	88·8	87·6	92	87	0·5	1·9	16·8	13·0	95	78	180	3	293	4	10●^{0}	4	1·4	2·2	85	● *p.* Sunny 4 h.–6 h.
24	1006·8	1010·7	89·9	85·6	92	84	3·3	1·8	12·8	11·5	67	79	247	5	247	3	8	7	0·9	8·3	82	Bright to c. T 17 h.
25	1011·2	1011·1	88·9	85·4	92	84	0·7	2·0	16·6	10·9	92	76	247	4	247	3	6	4	3·4	8·4	81	T● 12 h. ⌒^{2} 20 h.
26	1007·0	1007·6	84·8	85·5	*n* 89	84	0·6	0·7	12·7	13·1	92	91	203	4	360	3	10●^{0}	9	3·8	1·4	82	● showers. T mid-day. ●^{2} 15 h.
27	1014·1	1017·8	86·3	86·3	91	83	1·9	2·0	12·0	11·8	78	78	360	4	337	4	9	5	—	4·3	81	Sunny intervals. T in evening.
28	1022·6	1023·1	88·6	89·1	95	84	2·8	2·7	12·5	13·1	71	73	337	5	23	3	4	10	—	6·6	81	Sunny *a.*, then c. ∞
29	1023·0	1022·0	91·9	89·9	97	85	4·2	3·3	13·3	13·0	62	68	247	2	337	2	0	1	—	11·3	77	Bright and sunny. ∞
30	1021·1	1018·5	91·2	90·4	96	85	2·9	2·6	14·8	14·4	72	73	90	2	67	1	4	5	—	3·6	77	Sunny *a.* ∞
31	1018·2	1015·5	90·0	92·4	*x* 99	85	2·3	2·7	14·7	16·4	77	73	90	1	157	3	7	8	—	9·5	81	∞^{2} ⌓^{2} *a.* Sunny day.
Mean	1013·6	1013·7	89·0	87·4	93·3	84·2	3·0	2·2	12·7	12·5	71	77	3·5		3·1		7·0	5·9	51·3	5·77	81·1	
Mean Pressure at Station Level.	994·1	994·1																				

Cambridge, a.—July 1918.

Heights above Mean Sea Level:—Rain-gauge Site, H = 12·8 m.; Barometer, H_b = 13·1 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Lat. 52° 12′ N. Long. 0° 8′ E. *Time*, Greenwich mean time.

	8 h.	20 h.	8 h.	20 h.			8 h.	20 h.	8 h.	20 h.	8 h.	20 h.	8 h.		20 h.		8 h.	20 h.	8 h.			
1	1019·4	1019·0	90·4	89·7	*x* 100	84	2·7	0·6	14·6	17·6	73	93	360	2	—	0	0	5	1·3	9·8	81	Continuous sun 7 h.–16 h. ● *p.*
2	1021·6	1029·4	87·8	85·7	93	84	1·5	2·2	13·9	11·2	83	76	360	3	23	3	10	3	—	6·0	82	Sunny, with dull intervals.
3	1030·9	1030·9	85·6	85·0	91	81	2·3	2·3	10·8	10·2	75	74	45	3	360	2	8	0	—	12·3	80	Sunny 5 h.–7 h. 30 m. and 9 h.–19 h.
4	1031·1	1027·7	88·4	90·0	97	81	3·5	2·7	11·2	13·9	65	73	360	4	247	2	2	10	—	12·4	*n* 76	Continuous sun 5 h. 30 m.–17 h.
5	1025·4	1021·0	88·3	89·2	96	87	4·4	4·7	10·2	10·2	58	*n* 56	315	2	293	1	10	4	—	3·9	86	c.
6	1020·1	1021·7	88·7	87·6	94	86	2·9	2·4	12·5	12·2	70	74	315	1	315	1	10	0	—	3·3	83	c.
7	1021·8	1018·5	89·1	89·4	97	*n* 80	1·7	2·0	14·9	14·6	82	79	315	2	23	1	10	7	—	7·5	78	Fine to dull, then sunny.
8	1014·6	1006·3	92·3	90·8	97	85	3·3	3·5	15·2	13·5	69	66	157	1	225	1	7	3	—	6·2	83	Fine.
9	1004·6	1006·9	88·4	83·4	94	84	3·5	0·3	11·2	12·2	65	96	225	5	225	2	2	3	5·6	9·9	82	Sunny 5 h.–13 h. 30 m. ●^{2} 18 h.
10	1006·8	1003·0	83·0	83·6	*n* 90	*n* 80	0·1	0·0	12·2	12·5	99	100	225	4	225	2	10☈●	10	3·0	3·7	79	☈●^{2} 7 h.–7.45 h. and 13 h.
11	1002·1	1004·5	86·1	88·0	93	81	0·7	0·2	13·9	16·6	92	98	225	5	225	3	10●^{0}	6	—	5·1	80	c.
12	1002·5	1004·6	87·1	84·4	92	84	3·1	0·0	10·8	13·5	68	100	135	3	225	2	10●	3	2·3	5·1	81	c., with ●^{2} showers.
13	1011·7	1013·3	87·9	86·9	94	81	1·0	1·6	14·9	12·9	89	81	225	3	225	2	4	0	2·5	8·0	80	Sunny. ●^{2} showers 11 h. Warm.
14	1011·8	1007·3	87·4	89·4	91	81	1·7	0·8	13·2	16·9	80	91	135	2	225	2	10●^{0}	1	2·5	0·9	*n* 76	Bright to o. ● till 14 h. 30 m.
15	1012·5	1010·4	90·4	91·1	96	84	2·4	1·2	14·9	17·9	75	87	225	3	135	1	7	10	8·9	7·9	80	Fine. o. evening.
16	1008·4	1010·0	93·9	91·9	98	*x* 89	2·3	2·5	19·0	16·3	78	76	203	3	203	2	5	3	—	6·6	87	Occasional ●.
17	1011·8	1007·5	90·2	88·6	97	86	0·9	0·5	17·6	16·6	90	95	180	1	315	2	10	10☈●	*x* 13·0	0·5	81	Dull. ☈●^{2} 19 h.–21 h. 30 m.
18	1008·7	1015·6	90·6	87·9	94	86	2·4	1·8	15·2	13·5	76	79	180	4	225	4	4	2	3·8	10·0	82	Fine. ●^{2} showers. T 13 h. 30 m.
19	1017·4	1014·9	90·8	89·1	94	84	2·8	0·1	14·6	17·9	72	99	225	5	—	0	3	10	4·3	4·7	81	Sunny till 10 h., then o.
20	1010·9	1003·9	92·2	88·9	96	86	2·0	0·5	17·6	16·9	80	95	225	3	203	1	7	10	2·3	2·6	82	Sunny 8 h.–10 h. ● till 15 h.
21	1009·6	1012·1	89·8	88·3	94	87	3·5	2·5	12·5	12·5	66	73	270	6	225	4	2	2	—	12·3	85	Fine.
22	1011·6	1006·9	88·8	87·6	94	87	1·5	0·7	14·9	15·2	84	91	225	3	157	2	10	10	2·0	—	86	o., with occasional ●.
23	1000·6	1002·1	89·1	90·1	94	84	0·7	1·0	16·9	17·3	93	89	135	2	270	2	10	9	2·8	0·5	84	Dull, with ●.
24	1007·9	1010·7	89·1	89·0	95	85	2·2	3·5	13·9	11·9	77	66	225	5	225	2	3	1	—	11·6	82	Sunny 5 h.–19 h.
25	1012·2	1011·9	89·1	87·2	94	84	2·8	1·6	12·9	13·2	72	82	225	4	225	4	6	1	0·3	12·1	80	Sunny 5 h. 30 m. to 18 h. 45 m.
26	1009·6	1005·8	87·7	85·1	91	85	1·9	0·5	13·2	13·2	78	94	225	3	315	1	9	8	7·6	0·7	82	c., with ●.
27	1019·6	1017·4	87·0	86·8	92	85	0·9	1·6	14·2	12·9	90	82	360	4	45	1	10	1	2·0	5·7	82	Frequent ● showers *a.*, then fine.
28	1020·8	1022·1	88·7	88·2	94	81	2·5	1·0	12·9	15·2	74	89	315	1	45	1	9	10	—	1·9	78	c. and warm.
29	1022·3	1021·1	90·0	87·2	97	83	2·8	0·0	13·9	15·9	72	100	—	0	—	0	0	1⌓	—	11·6	81	≡ early, then fine and warm.
30	1021·0	1018·8	86·2	90·7	99	82	0·1	1·1	14·9	17·6	98	88	360	1	135	3	10≡	0	—	9·4	81	≡ till 9 h. 30 m., then sunny.
31	1018·9	1017·3	86·6	88·4	97	84	0·5	1·6	14·6	14·2	95	83	113	2	135	2	10	1	—	6·1	81	≡ till 10 h. Sunny till 16 h.
Mean	1014·5	1013·6	88·7	88·1	94·7	83·8	2·1	1·5	14·0	14·4	79	85	2·9		1·8		7·0	4·6	64·2	6·39	81·4	
Mean Pressure at Station Level.	1012·5	1012·0																				

x denotes the maximum and *n* the minimum value in the column.

* This station takes the place of Shrewsbury, where the observations have been discontinued for the present.

ARMAGH, a.c.d.—JULY 1918.

Heights above Mean Sea Level:—Rain-gauge Site, H = 59·8 m.; Barometer, H_b = 61·6 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Cups of Anemometer, h_a = 15·2 m. Lat. 54° 21′ N. Long. 6° 39′ W. *Time*, Local mean time, 25 m. after Greenwich.

Day.	Air Pressure at Mean Sea Level.		Air Temperature in Degrees Absolute.				Humidity. Depression of Wet Bulb.		Humidity. Vapour Pressure.		Humidity. Percentage.		Wind. Veer from North and Force or Speed.				Cloud Amount and Weather.		Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.		9 h.	21 h.				
	millibar.		a. 200 +	a. 200 +	a. 200 +	a. 200 +	°	°	millibar.		%	%	°	m/s.	°	m/s.	Tenths of Sky covered.		mm.	hr.	a. 200 +	
1	1022·3	1023·3	86·2	85·7	x95	81	1·1	0·5	13·2	13·6	87	94	—	1	340	2	10	10	—	5·5	75	c.
2	1029·1	1032·8	86·2	83·7	92	84	0·7	0·1	13·9	12·6	93	100	360	2	—	1	7	2	—	12·6	83	Very fine.
3	1033·8	1033·8	87·6	86·9	x95	79	1·9	1·0	13·1	13·9	79	87	—	1	—	1	4	2	—	14·0	74	Very fine.
4	1032·5	1031·1	88·6	84·5	92	81	1·0	1·1	15·7	11·7	89	88	—	1	—	0	10	5	—	1·6	76	c.
5	1026·1	1022·0	86·0	86·4	92	82	1·3	1·7	12·6	12·3	86	80	224	2	280	2	9	10	0·1	1·8	78	c.
6	1022·7	1023·0	86·5	85·8	91	85	0·9	1·3	13·6	12·4	89	85	—	1	—	1	10	10	—	1·0	84	c.
7	1020·3	1014·2	88·0	88·3	93	x86	1·3	2·0	14·4	13·5	86	78	223	2	120	3	10	8	4·5	1·2	84	c.
8	1009·1	1005·4	85·9	82·6	92	82	1·3	0·9	12·5	10·5	85	89	224	2	—	1	7	10	0·6	8·6	83	Fine.
9	1001·7	1000·7	83·8	84·3	93	81	1·2	1·9	10·9	10·4	85	78	—	1	—	0	10	10	2·3	5·8	81	● 9 h.–10 h. Fine.
10	1000·3	998·3	84·5	82·5	90	n77	1·4	1·1	11·2	10·3	83	86	—	0	—	1	4	10	3·5	4·3	n73	Fine *a*. ●² shower 13 h.
11	998·6	999·3	84·6	84·3	91	80	0·9	0·9	12·1	11·8	88	89	—	1	—	1	5	8	0·2	3·2	77	c.
12	998·6	1004·7	84·3	84·1	89	81	1·0	1·5	11·6	10·7	88	82	—	1	—	1	10	6	6·9	4·0	77	● showers till 15 h. 30 m.
13	1008·8	1009·1	86·9	85·8	91	82	2·7	1·8	11·2	11·6	71	79	226	3	210	3	5	5	—	6·0	79	Fine.
14	1003·0	1001·0	87·3	86·8	n88	83	2·8	0·4	11·4	14·9	71	95	123	7	191	3	10	10	8·9	1·0	79	c., with rain showers.
15	1006·1	1007·1	88·4	86·4	93	85	2·1	0·8	13·5	13·9	78	90	200	3	150	2	10	7	0·2	4·8	82	c.
16	1003·7	1004·0	89·1	87·5	92	x86	1·5	0·4	15·1	15·6	84	95	180	2	213	3	9	8	3·7	2·7	82	Fine *a*. Very ●² shower 8 h. T [18 h.
17	1007·1	1003·4	89·2	86·9	92	83	2·0	0·1	14·4	15·5	79	99	180	3	—	1	5	10	4·1	8·0	79	Very fine till 14 h.
18	1001·7	1008·4	85·9	86·2	92	85	0·2	0·9	14·4	13·5	97	90	213	2	—	1	10	2	1·5	6·8	84	Fine: occasional ● showers.
19	1011·2	1010·8	87·9	88·7	94	84	1·7	3·0	13·6	12·3	81	69	216	4	—	1	9	9	0·9	8·0	80	Fine.
20	1006·4	1006·8	86·8	85·7	90	85	0·5	0·3	14·7	14·1	94	96	—	0	—	0	10	10	2·3	—	84	o.
21	1008·8	1007·8	87·5	87·0	92	82	1·6	1·2	13·5	13·6	81	86	216	2	—	0	2	7	12·3	9·9	80	Fine. ● shower 14 h. 30 m.
22	998·3	996·3	87·1	89·1	94	85	0·2	0·0	15·6	18·0	98	99	143	4	—	1	10	7	x16·3	1·4	81	●. Very ●² 14 h. 45 m.
23	996·9	1002·0	87·4	85·2	91	85	0·3	1·4	15·6	11·7	96	83	—	0	—	1	10	3	0·1	2·7	84	c.
24	1002·7	1005·1	87·1	84·1	91	83	1·7	0·6	13·0	12·2	81	93	224	2	202	3	9	3	5·0	6·9	81	Fine. ●² showers 17 h. 30 m.
25	1003·7	1002·0	86·8	85·2	89	83	1·9	1·1	12·4	12·2	79	87	206	7	202	5	8	9	9·2	1·6	81	c.
26	1003·0	1013·2	85·7	85·4	91	84	0·3	1·2	14·0	12·2	96	85	—	1	—	1	10	1	0·2	5·7	82	● *a*. Fine evening.
27	1017·6	1021·0	87·4	84·4	92	81	1·1	0·7	14·2	12·2	87	90	—	1	—	1	9	6	—	9·6	77	Very fine.
28	1022·3	1020·3	86·4	88·1	94	80	1·4	1·7	12·9	13·8	84	82	—	0	166	3	5	5	—	6·1	76	Fine.
29	1020·3	1020·3	88·3	90·1	93	85	1·3	1·1	14·8	17·0	86	89	191	2	—	1	8	9	—	1·3	80	c.
30	1018·9	1016·9	90·7	86·7	94	85	2·9	1·3	14·3	13·2	71	85	157	3	138	3	2	5	—	11·7	80	Very fine.
31	1013·9	1012·8	92·6	90·1	x95	x86	3·4	2·1	15·4	15·1	n68	78	125	3	—	1	6	3∞	—	5·1	80	Fine.
Mean	1011·3	1011·5	87·1	86·1	92·0	82·9	1·4	1·1	13·5	13·1	85	87		2·1		1·5	7·8	6·8	82·8	5·26	79·9	
Mean Pressure at Station Level.	1003·9	1004·1																				

DUBLIN (PHŒNIX PARK), a.c.—JULY 1918.

Heights above Mean Sea Level:—Rain-gauge Site, H = 47·3 m.; Barometer, H_b = 48·5 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Lat. 53° 22′ N. Long. 6° 21′ W. *Time*, Local mean time, 25 m. after Greenwich.

													°	0–12	°	0–12						
1	1022·7	1023·0	88·4	87·1	94	81	3·1	2·8	11·9	11·2	68	70	270	3	—	0	2	10	—	13·4	75	Fine.
2	1028·1	1031·1	88·3	86·9	92	84	2·7	2·7	12·2	11·2	71	71	360	3	—	0	5	3	—	13·2	80	Fine.
3	1033·5	1034·2	87·9	82·3	95	77	2·9	0·5	11·9	10·8	70	93	270	1	—	0	2	2	—	13·1	n72	Fine.
4	1032·5	1030·8	92·8	84·1	x96	78	4·8	1·8	13·2	10·2	58	78	270	2	270	3	4	6	—	4·9	n72	c.
5	1026·7	1023·0	88·3	88·0	94	78	5·0	2·2	9·1	12·9	n53	76	225	4	270	5	7	8	—	4·0	75	c.
6	1023·3	1023·0	87·8	87·3	92	85	1·7	2·1	13·5	12·5	81	77	270	5	270	2	10	4	—	1·0	83	c.
7	1021·7	1015·9	89·0	85·4	93	80	2·2	2·3	13·9	10·5	78	73	225	3	225	3	9	10	5·6	3·4	75	c. ● showers *p*.
8	1010·1	1005·7	86·3	83·9	93	82	1·6	2·1	12·5	9·8	81	76	225	2	225	3	8	7	1·2	7·5	77	● showers *a*. Fine. ●⁰ showers *p*.
9	1002·4	1000·0	85·7	82·9	n88	80	3·0	1·0	9·8	10·5	69	88	225	3	—	0	8	7	12·9	5·2	74	c. ☈, ●, ▲ 14 h.
10	1001·0	998·3	86·6	82·5	90	n76	2·7	0·8	11·2	10·5	71	89	225	2	—	0	8	10●	8·2	4·6	n72	c. ●² showers *p*.
11	999·0	*1000·3*	85·4	84·5	89	79	1·6	1·3	11·5	11·2	81	84	270	2	225	1	10	10☈●	x16·5	4·2	76	●² showers *a*. c. ☈ 21 h.
12	*999·3*	1005·4	86·8	82·2	91	79	2·5	0·6	11·5	10·5	72	92	—	0	225	1	9	7	3·7	5·9	74	● showers *a*. and *p*. c.
13	1010·5	1009·5	87·3	85·7	91	80	2·6	1·1	11·5	12·5	72	88	225	3	—	0	8	4	4·5	5·8	75	c.
14	1001·7	1001·7	85·2	86·3	90	78	0·3	2·5	13·5	11·2	96	72	135	3	—	0	10●	9	8·2	—	73	o., with ●². T 16 h.
15	1007·1	1006·4	90·1	86·4	94	81	2·8	0·6	13·9	14·2	72	92	225	2	—	0	8	10	0·3	5·6	77	c.
16	1004·0	1005·4	88·4	87·4	94	83	1·1	1·7	15·2	13·2	87	81	—	0	—	0	10	6	—	5·1	80	≡●⁰ showers *a*. c.
17	1007·1	1003·0	90·2	86·9	92	81	3·9	1·2	12·2	13·5	64	86	180	2	180	3	4	0	3·9	7·7	77	● *a*. Fine. ● *p*.
18	1003·7	1009·8	86·7	86·2	93	80	0·6	0·5	14·6	14·2	93	95	225	3	—	0	10	10	2·8	4·6	75	● showers *a*. and *p*. c.
19	1012·8	1011·5	89·6	85·6	95	84	2·5	1·2	13·9	12·5	74	86	225	4	225	2	6	10	2·4	10·3	81	c. ● showers *p*.
20	1005·7	1007·1	86·2	85·8	89	85	1·3	1·1	12·9	12·9	86	87	270	2	270	3	10	10	1·4	0·1	82	● showers. o.
21	1010·1	1008·4	87·3	86·5	92	82	2·1	1·0	12·5	13·5	77	88	270	4	270	3	8	10	9·2	9·8	79	Fine. ● *p*.
22	999·0	998·6	90·4	88·1	94	85	1·1	0·8	17·3	15·6	88	92	225	4	—	0	10	10	0·5	2·2	84	c.
23	997·9	1003·4	87·7	86·3	91	x86	0·8	1·9	14·9	12·2	90	80	—	0	—	0	10	2	0·3	4·0	81	●⁰ showers *a*. c. ●² *p*.
24	1004·7	1007·1	87·4	85·1	91	84	2·3	1·0	12·2	12·2	75	88	180	4	225	3	8	5	4·1	8·9	79	●⁰ showers *a*. Fine.
25	1006·8	1005·1	88·1	85·3	90	83	3·0	0·1	11·9	14·2	70	99	225	5	225	4	7	9	11·5	4·8	79	c. ●² showers *p*.
26	1003·0	1011·8	86·4	84·9	90	84	0·7	0·6	14·2	12·9	91	91	225	4	225	3	10●	8	1·5	8·1	81	●² showers *a*. Fine.
27	1017·9	1020·0	87·5	86·6	94	81	1·7	0·9	13·5	13·9	81	90	270	1	—	0	10	5	—	8·6	77	Fine.
28	1022·0	1021·3	90·4	86·4	92	79	2·6	2·0	14·6	11·9	74	77	—	0	225	2	5	3	—	7·9	75	Fine.
29	1021·0	1020·3	91·0	88·8	92	83	2·7	1·4	14·9	15·2	73	86	225	2	135	2	8	7	—	2·6	79	c.
30	1018·9	1016·9	91·3	87·7	x96	80	2·8	0·4	14·9	15·9	73	96	45	3	—	0	0	5	—	12·0	75	Fine.
31	1013·9	1012·5	90·6	88·3	95	80	2·2	1·7	15·6	13·9	78	80	135	2	—	0	7	8	—	3·2	77	c.
Mean	1011·8	1011·9	88·2	85·8	92·3	81·2	2·3	1·3	13·1	12·5	76	85		2·5		1·4	7·5	6·9	98·7	6·19	77·1	
Mean Pressure at Station Level.	1006·0	1006·1																				

x denotes the maximum and *n* the minimum value in the column.

METEOROLOGICAL OFFICE, LONDON,
September 10th, 1918.

[Price Sixpence.

DAILY READINGS AT METEOROLOGICAL STATIONS OF THE FIRST AND SECOND ORDERS, 1918.

DEERNESS, ORKNEY, a.b.c.—AUGUST 1918.

Heights above Mean Sea Level:—Rain-gauge Site, H = 48·8 m.; Barometer, H_b = 49·7 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 1·2 m. Cups of Anemometer, h_a = 4·9 m. Lat. 58° 56′ N. Long. 2° 45′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level.		Air Temperature in Degrees Absolute.				Humidity. Depression of Wet Bulb.		Humidity. Vapour Pressure.		Humidity. Percentage.		Wind. Veer from North and Force or Speed.				Cloud Amount and Weather.		Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.		9 h.	21 h.				
	millibar.		a. 200 +	a. 200 +	a. 200 +	a. 200 +	°	°	millibar.		%	%	°	m/s.	°	m/s.	Tenths of Sky covered.		mm.	hr.	a. 200 +	
1	1018·6	1015·9	85·6	84·7	87	82	1·7	0·2	11·7	13·2	81	97	56	4	34	3	10	10≡	—	—	No record.	o., but fair. ≡●⁰ after 17 h.
2	1013·5	1012·2	85·0	84·4	86	83	1·6	2·2	11·4	10·0	81	75	67	2	113	3	10	10	—	—		Fair, but dull.
3	1011·2	1009·5	85·6	85·6	87	84	1·2	0·3	12·3	13·8	86	96	101	5	90	3	10	10≡	—	1·0		Dull *a*. ≡ after 18 h.
4	1007·4	1007·4	85·8	85·0	87	84	0·3	0·1	14·2	13·7	96	99	67	5	180	2	10≡⁰	10	1·7	0·2		≡●⁰. ≡: 15 h.–20 h.
5	1008·4	1008·4	85·7	85·6	87	x85	0·1	0·3	14·3	13·8	98	96	124	6	90	5	10	10	0·2	—		●⁰ 7 h.–8 h. ≡⁰ most of day.
6	1010·1	1012·5	84·9	84·0	89	84	0·3	0·4	13·2	12·3	96	94	67	6	—	1	10	1	—	6·0		≡⁰ till 8 h., then very fine.
7	1013·5	1011·2	86·0	84·9	88	83	0·9	0·4	13·3	13·1	90	94	—	1	124	7	10	10●	2·3	2·0		Fair *a*. ● after 20 h.
8	1005·1	1006·4	87·8	85·7	90	x85	1·2	0·2	14·4	14·2	86	97	169	4	—	1	5	10●	10·0	4·6		Fine. ●² showers all *p*.
9	1014·2	1021·3	85·1	85·6	87	84	0·2	0·6	13·6	13·5	97	93	304	6	293	4	10	10	—	0·3		Dull all day.
10	1024·0	1022·7	85·8	86·1	88	84	0·4	0·8	13·9	13·6	94	90	180	4	146	3	10	2	—	5·4		Dull, but fair *a*. Fine *p*.
11	1019·3	1014·9	88·9	86·9	x91	x85	1·1	0·4	15·7	14·9	88	94	180	5	169	4	5	10≡⁰	1·7	9·6		Very fine. ≡⁰ after 18 h. ☈ 23 h.
12	1016·6	1017·6	88·6	86·3	x91	84	1·8	0·8	14·1	13·8	81	91	225	2	203	2	5	9	3·3	7·6		Fine *a*. ●⁰ showers after 16 h.
13	1019·3	1015·9	87·8	85·9	89	84	1·6	0·3	13·7	14·2	83	96	236	5	180	6	10	10●	4·0	0·2		Dull *a*. ● after 18 h.
14	1004·4	997·3	86·5	85·1	90	x85	0·8	0·6	13·8	12·9	90	92	169	8	225	11	10●	10●⁰	1·5	4·8		● 8 h.–10 h. Fair till 17 h., [then d.
15	1003·4	1008·8	86·0	84·4	87	84	2·6	1·7	10·7	10·8	n72	80	259	15	270	11	6	10●⁰	0·7	3·9		d. q. *p*.
16	1009·8	1006·1	85·6	84·7	87	84	1·7	0·3	11·7	13·2	81	96	247	8	225	2	10	10●	1·3	—		Dull *a*. ● after 20½ h.
17	1005·1	1005·7	85·4	85·3	89	83	1·0	0·9	12·6	12·7	88	89	270	5	270	2	10	10	2·8	4·0		Dull; fair after 9 h. Fine *p*.
18	1005·7	1009·5	85·6	84·4	87	84	0·6	1·1	13·5	11·6	93	86	259	3	293	5	10	10	1·0	1·0		● and ●⁰.
19	1012·8	1012·5	85·0	84·6	87	81	1·3	0·8	11·6	12·2	83	90	293	3	—	0	9	9	1·7	1·8		Fair *a*. Fine *p*.
20	1005·4	1005·4	85·6	85·6	89	84	0·6	1·7	13·5	11·7	93	81	180	3	247	9	10	3	1·7	0·3		Dull. ●⁰ showers all day.
21	1013·2	1014·2	86·7	84·0	89	84	1·7	0·4	12·6	12·3	81	94	236	7	270	2	8	10●	9·2	3·0		Fair *a*. ● after 19 h. [23 h.–24 h.
22	1005·1	986·8	83·8	85·6	86	82	0·3	0·4	12·3	13·6	96	95	67	7	180	3	10●²	8	21·7	—		●² 9 h.–16 h., then ≡≡⁰. ↯
23	1010·5	1011·8	84·4	84·0	87	80	1·7	0·1	10·8	12·9	80	98	293	9	203	4	6	10●	10·8	7·2		↯ 1 h. ● after 17 h.
24	1009·5	1012·8	84·4	82·2	87	82	0·8	0·9	12·1	10·3	90	89	270	4	—	1	9●⁰	0	0·5	8·6		Dull, with ● *a*., then fine.
25	1012·2	1010·1	83·1	83·1	n84	81	1·1	0·6	10·6	11·3	86	92	113	7	90	10	10●	10	11·5	—		● 8 h.–15 h. and 17 h.–21 h. ≡
26	1010·5	1010·5	84·0	84·5	86	83	0·1	0·1	12·9	13·4	98	99	90	7	—	1	10●	10	0·3	0·2		● till 10 h., then fair. [17 h.–20 h.
27	1010·1	1010·5	85·6	84·3	87	83	0·4	0·4	13·6	12·5	95	94	90	2	326	2	10≡⁰	8	—	0·3		≡≡⁰ *a*. Fair *p*.
28	1014·2	1020·3	85·6	82·1	87	82	1·2	0·9	12·3	10·2	86	89	337	6	326	3	3	0	—	11·1		Bright and fine all day.
29	1020·3	1014·9	84·4	85·0	87	80	1·4	0·7	11·2	12·8	83	92	293	4	203	4	9	10●	1·5	2·2		Fine *a*. ● after 20½ h.
30	1008·8	1003·7	85·0	81·7	86	81	1·6	1·6	11·4	9·0	81	81	247	7	270	7	10●⁰	8●⁰	8·5	4·0		● showers all day.
31	997·9	996·9	79·7	81·1	n84	n79	0·7	0·8	8·8	9·6	90	90	—	1	337	8	10●²	10●⁰	x23·3	2·4		●² 8 h.–10 h.
Mean	1011·0	1010·1	85·5	84·6	87·5	83·0	1·0	0·7	12·6	12·5	88	92		5·2		4·2	8·9	8·3	121·2	2·96		
Mean Pressure at Station Level.	1005·0	1004·1																				

ABERDEEN, a.c.e.—AUGUST 1918.

Heights above Mean Sea Level:—Rain-gauge Site, H = 14·0 m.; Barometer, H_b = 26·8 m. Heights above Ground:—Therms., h_t = 12·5 m. Rain-gauge, h_r = 0·61 m. Cups of Anemometer, h_a = 21·9 m. Lat. 57° 10′ N. Long. 2° 6′ W. *Time*, Greenwich mean time.

																			0 h. to 24 h.			
1	1018·0	1016·1	85·2	84·8	87	84	2·6	2·0	10·0	10·6	71	77	75	2	—	1	8	8	—	7·8	80	Dull to fine.
2	1013·3	1011·0	85·0	86·4	87	84	2·2	0·7	10·4	13·9	75	91	135	2	165	2	10	10	—	—	83	Dull. ≡⁰ early.
3	1010·0	1008·5	86·3	86·2	88	84	0·9	0·1	13·5	14·9	89	99	60	3	—	1	2	*10*≡⁰	—	5·0	78	Fine to dull, with ≡●⁰.
4	1007·5	1008·2	87·6	87·5	91	86	1·3	1·3	14·0	14·0	85	85	—	1	180	3	7	10	—	6·5	86	Dull to fine.
5	1008·1	1006·4	86·5	86·1	88	86	0·3	0·1	14·8	14·8	96	99	150	2	90	5	10≡⁰	10≡⁰	—	—	85	Dull and g. ≡⁰.
6	1007·8	1012·2	86·9	85·9	89	86	1·0	0·6	13·8	13·6	88	92	60	5	15	2	9	10	0·2	0·2	86	Dull and ≡⁰. ●⁰ *a*.
7	1014·1	1011·6	85·7	87·0	88	83	0·7	0·5	13·3	14·9	91	94	120	2	165	3	10	10	—	0·6	78	Fair to dull and ≡⁰.
8	1007·9	1008·0	89·1	88·4	94	86	3·0	2·5	12·5	12·7	69	73	210	6	225	2	4	9	0·3	9·0	84	Fair and q. to dull, with ●⁰.
9	1015·0	1022·7	88·4	87·8	91	85	2·3	1·9	13·0	13·1	75	79	300	7	—	1	10	4	—	1·8	81	Dull to fair.
10	1024·6	1023·8	90·3	88·2	92	85	2·8	1·3	14·1	14·6	72	85	180	3	180	3	4	0	—	6·1	81	Fair. ⊕ afternoon.
11	1021·6	1017·0	92·9	89·3	x95	86	3·4	1·3	15·6	15·7	68	86	180	4	195	2	1	10	—	8·9	81	Fine to dull, with T and ∞⁰.
12	1017·5	1019·0	90·4	87·3	92	86	2·6	0·8	14·4	14·7	73	91	—	1	270	2	1	4	x20·8	5·8	84	Fine to c. ☈●² afternoon.
13	1021·7	1019·1	89·9	87·9	92	84	3·7	1·2	12·2	14·4	64	86	—	1	210	4	5	10●	0·9	1·8	79	Fair to dull, with ●⁰.
14	1009·5	1005·1	87·3	88·4	92	x87	1·7	4·0	13·1	10·6	81	61	180	5	210	6	9	7	—	7·5	85	Dull to fair and q.
15	1009·4	1013·7	89·4	86·4	91	86	5·0	2·6	10·0	10·9	n54	71	255	7	255	3	5	5	—	11·4	85	Fair and q.
16	1012·9	1007·7	88·2	87·0	91	86	3·1	2·0	11·7	12·4	68	78	240	3	195	2	9	9●	0·4	2·0	83	Fair to dull. ●⁰ at times.
17	1006·7	1007·2	88·5	86·3	91	83	3·7	0·6	11·0	14·1	63	93	285	3	—	0	8	7	10·3	3·7	79	Dull to c. ●² showers.
18	1006·7	1011·8	89·3	85·0	90	84	3·3	1·1	12·3	12·1	67	87	270	5	285	2	9	3	8·1	3·8	80	c. ● showers. ⌒
19	1014·1	1013·1	88·2	86·7	91	85	3·4	1·1	11·3	13·5	66	87	285	6	—	1	6	10	0·4	2·8	80	Fair to dull. ⌓●⁰ *a*.
20	1008·6	1008·7	87·2	90·3	94	85	1·1	2·4	14·0	14·7	87	75	—	1	210	2	10	6	0·1	0·3	84	Dull to fair.
21	1016·4	1013·5	88·4	86·8	91	85	4·2	1·9	10·2	12·3	59	79	210	3	180	2	6	10	0·6	2·2	*84*	Fair to dull and ●⁰.
22	1004·7	996·4	88·0	87·3	93	85	0·8	3·3	15·4	10·7	91	66	150	4	225	8	10	2	—	3·2	84	c. and ≡⁰; very squally.
23	1014·6	1014·7	87·2	86·3	91	83	1·1	1·0	14·0	13·3	87	88	270	5	225	3	2	3	—	8·0	*81*	↯ early; fine to c. ⊕
24	1011·3	1013·4	86·1	84·7	89	84	1·0	0·8	13·2	12·3	88	90	195	2	—	1	10●	10	3·9	0·1	80	Dull, with ●.
25	1010·9	1007·6	85·8	85·9	88	84	1·0	0·2	12·9	14·3	88	97	150	3	—	1	10●⁰	10●⁰	5·1	1·4	84	Dull, with ●≡⁰.
26	1008·2	1010·2	86·0	85·7	88	85	0·2	0·6	14·6	13·4	98	92	—	1	—	0	10≡⁰	9	6·6	1·8	86	Dull to c. ≡⁰●⁰.
27	1010·4	1010·2	86·9	85·5	88	85	0·8	0·4	14·2	13·7	90	95	—	0	60	2	10≡⁰	10●⁰	0·6	0·1	82	Dull. ≡⁰●⁰.
28	1013·6	1019·9	86·5	83·9	89	82	1·7	1·7	12·4	10·2	81	79	315	6	315	4	8	·1	—	7·0	83	c. to fine. q. v.
29	1021·5	1018·2	85·2	84·7	89	81	2·1	1·0	10·7	12·0	76	88	285	4	—	1	9	1	—	1·2	77	c. to dull. v.
30	1012·0	1008·1	87·1	82·5	90	82	0·8	1·9	14·5	9·1	91	77	—	1	240	3	10	1	4·2	1·5	79	Dull to fair. ●⁰ at times. ⌒
31	1002·0	997·6	84·2	79·9	n85	n80	3·5	0·9	8·2	8·6	62	87	210	3	285	7	8	10●	6·3	4·3	n76	Fine to c. ⌓●▲⁰⌒.
Mean	1012·3	1011·6	87·5	86·3	90·1	84·4	2·1	1·3	12·8	12·9	78	85		3·2		2·5	7·4	7·1	68·8	3·74	81·9	
Mean Pressure at Station Level.	1009·1	1008·4																				

Corresponding Normal Values are referred to thus:—**a.** Appendix IV., "Weekly Weather Report," 1913; **b.** Appendix I., "Meteorological Observations at Stations of the Second Order," 1891; **c.** "Temperature Tables of the British Islands," 1871–1900; **d.** "Rainfall Tables of the British Islands," Part I., 1866–1880. Part II., 1881–1890; **e.** "Hourly Values," *Geophysical Section*, 1912.

Wt. 15559/478—250—10/18.—N. & Co., Ltd. Gp. XV.

Fort William, Inverness-shire, a.c.—August 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 52·1 m. ; Barometer, H_b = 11·6 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Lat. 56° 49′ N. Long. 5° 7′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level.		Air Temperature in Degrees Absolute.				Humidity. Depression of Wet Bulb.		Humidity. Vapour Pressure.		Humidity. Percentage.		Wind. Veer from North and Force or Speed.				Cloud Amount and Weather.		Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.		9 h.	21 h.				
	millibar.		a. 200 +	a. 200 +	a. 200 +	a. 200 +	°	°	millibar.		%	%	°	0–12	°	0–12	Tenths of Sky covered.		mm.	hr.	a. 200 +	
1	1015·6	1013·5	88·3	86·3	94	84	2·8	2·2	12·3	11·5	71	75	45	2	45	2	3	2	—	No record.	No record.	Very fine and sunny.
2	1011·8	1008·4	89·1	87·6	95	83	3·1	1·8	12·5	13·2	70	80	135	1	180	1	1	10	—			Very fine and sunny.
3	1008·1	1007·1	92·2	87·6	94	86	4·7	1·5	12·7	13·6	n 58	83	180	2	—	0	4	1	—			Fine and sunny. ∞
4	1007·1	1007·1	86·2	87·2	89	83	0·4	0·7	14·3	14·7	95	91	—	0	—	0	10●^{0}	10	0·5			Dull, with occasional ●^{0} showers.
5	1005·7	1002·4	87·6	88·6	90	86	0·6	2·5	15·3	13·0	93	74	—	0	180	1	10	10	—			Dull and threatening, but fair. [≡:
6	1007·1	1011·5	89·7	88·3	92	x 87	2·2	1·1	14·4	15·1	77	88	45	3	—	0	9	9	—			Fair, but c. ≡:
7	1012·5	1008·4	87·8	88·0	93	86	0·8	1·1	15·1	14·8	90	88	—	0	270	2	10	10●^{0}	7·1			Dull. Occasional ● showers. ≡^{0}
8	1007·1	1009·5	86·3	86·1	88	85	0·7	0·7	14·0	13·6	92	91	225	2	—	0	10●	10●	6·1			o. Occasional ●^{2} showers.
9	1017·9	1023·7	89·1	86·3	92	85	2·1	1·7	14·1	12·4	78	81	315	1	—	0	10	4	0·3			c., but fair. Hill ≡^{0}.
10	1025·4	1022·3	89·1	89·1	x 96	85	1·6	1·0	15·1	16·1	83	89	225	1	270	2	10	3	—			o. a. Fine and bright p.
11	1019·6	1015·6	92·7	86·9	93	86	2·9	0·6	16·4	14·7	71	93	225	3	225	2	7	10	3·6			Fine a. to dull. ●^{2} showers p.
12	1018·3	1020·3	88·8	85·8	92	85	1·3	1·1	15·3	12·7	86	87	270	1	—	0	8	4	9·1			Dull, with ●^{2} showers.
13	1022·7	1017·3	88·0	87·7	89	85	1·8	0·7	13·6	15·2	81	91	—	0	270	4	10	7	8·9			Very dull. ●^{2} showers.
14	1005·7	1008·8	89·7	86·3	90	85	2·2	2·5	14·4	11·1	77	73	270	3	270	5	10●	10	2·5			●^{2} showers. Sunny spells.
15	1013·9	1015·9	85·9	85·3	90	85	2·3	1·4	10·9	11·9	74	83	315	2	315	2	9	10	0·3			Generally fine. ●^{0} showers.
16	1012·8	1007·1	86·2	85·8	88	84	1·1	0·3	13·2	14·2	87	97	315	3	270	1	10	10●^{0}	7·9			Dull. ●^{2} showers. Hill ≡^{0}.
17	1007·8	1008·4	86·9	85·8	88	84	1·4	0·3	13·2	14·2	84	97	270	1	—	0	6	10	5·6			●^{2} showers. Sunny spells. Hill
18	1010·1	1014·2	86·3	85·2	90	85	0·6	0·8	14·2	12·6	93	90	225	2	—	0	10●	9●^{0}	5·1			●^{2} showers. Sunny spells. [≡^{0}.
19	1015·9	1012·2	86·9	84·7	91	84	1·7	0·4	12·7	12·9	81	94	225	1	—	0	7	10●^{0}	7·4			Bright a. Dull and o. p.
20	1009·1	1010·5	88·8	87·6	91	84	0·3	0·4	17·1	15·7	96	96	225	3	—	0	10●^{0}	10●^{0}	14·5			o., with continuous ●^{0}.
21	1016·9	1010·8	88·6	84·9	92	84	2·5	0·8	13·0	12·4	74	89	270	1	—	0	9	10	4·6			c., but fair. ●^{0} evening.
22	1003·7	1005·4	87·0	83·8	90	84	0·1	1·7	15·7	10·4	99	80	270	1	315	4	10●^{0}	6	x 18·0			Continuous ● a. Showery p.
23	1016·2	1014·9	85·7	84·4	90	83	1·6	0·7	11·9	12·2	81	90	225	1	270	1	7	5	0·5			Fine to showery.
24	1012·5	1010·8	87·2	85·7	88	84	1·3	0·5	13·7	13·6	85	94	225	1	—	0	9	10●	9·1			Fair. Hill ≡^{0} and occasional ●^{0}.
25	1007·1	1005·7	86·9	86·3	91	85	0·3	0·4	15·2	14·4	97	94	—	0	—	0	10●	10	5·8			●^{2} showers ; bright spells.
26	1009·1	1011·8	87·4	86·2	91	84	0·8	0·9	14·9	13·4	92	89	—	0	—	0	10	10	1·3			Fine and bright. ●^{2} showers.
27	1010·5	1010·5	85·5	86·5	89	84	0·6	0·7	13·4	14·1	94	91	—	0	—	0	10●	10	1·5			o. and showery a. Fine and clear p.
28	1016·9	1022·0	87·4	84·9	92	85	2·1	1·3	12·6	11·7	77	84	—	0	—	0	6	4	2·5			Fine and clear. Some showers.
29	1023·7	1019·3	86·9	84·9	88	83	2·5	0·3	11·5	13·4	73	96	—	0	—	0	10	10●^{0}	5·3			c. ● showers.
30	1014·2	1010·8	86·8	82·4	88	82	2·3	1·7	11·7	9·3	74	79	270	2	270	2	8	10●	8·9			Showery. Bright sunny spells.
31	1004·0	1004·0	81·4	81·4	n 85	n 80	0·9	1·2	9·7	9·2	89	85	315	4	—	0	10●	10●	8·1			●^{2} showers. ✱ on summits.
Mean	1012·5	1011·9	87·6	86·1	90·6	84·4	1·6	1·1	13·7	13·1	83	87	1·3		0·9		8·5	8·2	144·5			
Mean Pressure at Station Level.	1011·1	1010·5																				

Douglas, Isle of Man, a.—August 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 84·5 m. ; Barometer, H_b = 86·6 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Lat. 54° 10′ N. Long. 4° 28′ W. *Time*, Local mean time, 20 m. after Greenwich.

1	1013·2	1011·5	91·1	90·6	x 96	x 90	1·4	1·0	17·6	17·6	85	89	90	3	67	1	8	10	0·5	4·0	89	c. to o. ●^{0} 20 h.
2	1009·1	1006·8	89·7	88·8	93	88	1·7	3·0	15·6	12·2	82	69	90	3	67	2	8	10	—	3·9	87	c. to o.
3	1007·1	1007·1	90·5	86·3	92	85	2·5	1·6	14·9	12·5	74	81	67	1	293	1	2⌓	0⌓	0·3	13·1	82	Very fine.
4	1008·1	1007·4	88·8	86·3	90	84	1·1	0·2	15·6	14·6	88	97	247	2	225	1	10	10	0·3	0·1	82	o. c.
5	1005·7	998·3	87·4	88·0	90	85	0·3	0·1	15·6	16·6	95	99	113	2	135	3	10	10●≡	x 20·6	0·1	85	o. c. ●^{2} after 20 h.
6	1002·4	1011·8	89·1	89·1	94	85	1·5	1·7	15·2	14·9	84	82	337	2	45	2	8	10	—	6·8	84	Very fine.
7	1014·5	1013·2	90·8	86·3	92	86	2·2	0·0	15·6	15·2	77	100	135	2	225	3	4∞	10●≡^{0}	1·0	7·6	85	⌓∞ a. Fine to c.
8	1013·9	1015·6	88·0	86·9	91	84	1·4	1·7	14·2	12·9	85	81	247	4	270	3	7	4	0·3	6·5	83	≡^{0} early. q. and ● showers.
9	1020·6	1025·7	87·4	86·3	91	86	1·6	1·1	13·2	13·2	81	87	270	6	337	1	7	0⌓	—	10·6	85	q. c. a. Fine p.
10	1026·4	1025·7	91·6	87·4	94	84	2·5	0·0	15·9	16·3	75	100	180	1	247	1	2	2⌓	—	8·0	83	⌓ a. and p. Very fine.
11	1022·3	1020·0	88·0	87·4	91	86	0·3	0·5	16·3	15·2	97	93	113	2	225	2	10	8	0·3	1·3	86	≡ at intervals a. c. o.
12	1021·3	1024·0	88·6	87·4	92	86	1·7	1·6	14·2	13·2	82	81	293	3	293	2	2	3	—	10·4	84	Very fine. d. 19 h.
13	1026·4	1023·3	89·1	86·3	91	85	3·3	0·5	12·2	14·2	n 67	93	270	2	203	1	4	6⌓	—	11·4	84	⌓ a. and p. Very fine.
14	1015·2	1015·9	88·3	86·3	91	86	1·1	1·7	15·2	12·2	88	80	203	6	270	1	8	0	0·3	3·6	84	c. o. q. ● shower 13 h. [vals.
15	1018·9	1020·3	87·4	84·1	90	84	1·9	0·8	12·9	11·9	79	90	270	3	337	1	4	4⌓	—	7·2	82	⌓ a. and p. Fine. c. at inter-
16	1017·3	1013·2	86·9	86·3	90	82	2·2	0·5	11·9	14·2	75	93	270	2	203	4	10	10●	3·8	2·0	n 80	o. c. ● showers after 20 h.
17	1012·5	1010·8	87·2	87·9	89	85	1·4	0·5	13·5	15·9	84	95	270	4	270	4	7	10	2·0	1·4	85	q. c. o.
18	1015·6	1018·6	87·4	86·9	90	86	1·6	1·7	13·2	12·9	81	81	270	6	270	4	8	10	—	4·8	85	q. c., with bright intervals.
19	1019·6	1015·6	86·8	88·0	90	84	1·9	0·0	12·5	16·9	79	100	270	2	247	3	8	10	2·3	0·8	83	c. to o. ● showers after 16 h.
20	1017·9	1017·6	89·9	87·7	94	87	0·5	0·0	17·9	16·6	94	100	247	4	203	3	8	10≡	—	4·0	86	Bright intervals. ≡ from 20 h.
21	1019·3	1013·5	87·4	88·0	91	87	0·0	0·0	16·3	16·9	100	100	247	2	225	5	10≡^{0}	10	—	3·1	87	o. c. a. Bright afternoon to o.
22	1009·5	1011·2	89·1	85·8	90	86	1·1	1·7	15·9	11·9	88	81	225	6	270	6	4	4	0·8	3·7	86	q. and bright to o. ● from 16 h.
23	1020·6	1018·6	87·6	83·6	90	82	2·9	1·0	11·5	11·2	69	87	270	1	315	1	4	2⌓	—	11·3	81	Very fine.
24	1015·2	1013·9	88·6	87·4	90	83	2·5	1·1	12·9	14·2	74	87	225	3	180	2	4	10	3·1	9·2	81	Very fine till 18 h. ● after 23 h.
25	1008·8	1005·7	87·4	85·8	88	86	0·2	0·0	15·9	14·6	97	100	203	1	—	0	10	8	3·3	—	86	● showers. ≡ 19 h.
26	1009·8	1014·2	86·8	86·3	89	85	1·0	0·9	13·9	13·5	88	89	270	3	270	2	8	10	3·3	4·5	85	c. to o. Bright intervals.
27	1012·2	1008·4	85·2	86·9	n 87	84	0·5	0·0	13·2	15·9	93	100	203	2	315	1	10●	10●	10·2	—	82	Frequent ● showers.
28	1017·3	1021·0	85·8	85·8	88	85	1·1	1·4	12·9	12·2	87	84	360	2	315	5	10	8	—	5·7	85	o. to bright and q.
29	1025·0	1024·7	85·5	85·8	89	84	1·4	1·4	11·9	12·2	83	84	315	2	270	2	6	10	0·3	4·2	83	c., with bright intervals to o.
30	1019·3	1015·9	86·6	85·8	91	85	0·3	1·7	14·9	11·9	96	81	270	4	293	4	10	10●	—	5·5	84	q. till 11 h. Bright to o. p.
31	1010·8	1005·4	85·2	81·1	n 87	n 81	2·8	0·9	9·8	9·5	69	89	270	5	315	5	4	6	2·0	7·8	81	q. a. Bright p.
Mean	1015·3	1014·7	88·1	86·7	90·7	85·1	1·5	0·9	14·2	14·0	84	89	2·9		2·5		6·9	7·3	54·7	5·26	84·0	
Mean Pressure at Station Level.	1005·0	1004·2																				

x denotes the maximum and *n* the minimum value in the column.
Temperatures at or below the normal freezing-point of water are printed in small type.

Birmingham (Edgbaston) a.*—August 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 160·0 m. ; Barometer, H_b = 165·2 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·5 m. Lat. 52° 28′ N. Long. 1° 54′ W. *Time*, Local mean time, 7 m. after Greenwich.

Day.	Air Pressure at Mean Sea Level.		Air Temperature in Degrees Absolute.				Humidity. Depression of Wet Bulb.		Humidity. Vapour Pressure.		Humidity. Percentage.		Wind. Veer from North and Force or Speed.				Cloud Amount and Weather.		Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.		9 h.	21 h.				
	millibar.		a. 200 +	a. 200 +	a. 200 +	a. 200 +	°	°	millibar.		%	%	°	0–12	°	0–12	Tenths of Sky covered.		mm.	hr.	a. 200 +	
1	1013·7	1011·3	92·7	92·6	98	87	5·5	2·8	12·1	16·6	n 53	74	135	3	157	2	8	10	—	2·9	84	Sunny a. Dull and oppressive p.
2	1007·6	1005·2	88·8	87·7	92	86	2·5	0·6	13·2	15·4	74	94	90	4	157	2	10	10	1·3	—	85	Dull and o. a. ●^{0} p.
3	1005·0	1007·0	88·8	87·1	91	86	1·9	0·7	14·2	14·8	80	92	203	1	45	4	10	10●^{0}	4·8	0·2	85	Dull a. ●^{0} p.
4	1008·8	1009·3	90·1	88·6	96	85	2·5	1·7	14·3	14·4	74	83	225	3	293	3	7	10	1·8	7·9	82	Sunny a. ● after 21 h.
5	1007·1	1001·4	88·0	88·8	92	86	1·1	0·4	14·9	17·0	89	96	293	3	157	3	10	10	1·6	1·2	85	● 2 h.–4 h. d. at times.
6	1002·0	1010·2	87·2	88·2	90	n 82	3·3	1·3	10·6	14·6	66	86	270	3	23	4	8	3	—	5·7	80	Cloudless 6 h., then c. to sunny.
7	1015·7	1015·6	91·2	89·4	97	87	3·0	1·7	14·7	15·2	71	82	23	2	225	2	8	4	—	6·1	83	Dull early to sunny.
8	1016·8	1018·8	88·9	85·9	90	86	3·8	2·0	11·3	11·5	62	78	293	5	270	3	9	10	—	2·8	84	Sunless from 9 h.
9	1021·4	1026·3	88·2	86·4	92	84	2·9	1·7	12·0	12·4	70	81	337	4	315	3	9	2	—	1·7	79	Dull to g.
10	1027·2	1026·0	86·4	92·1	97	84	1·6	2·6	12·6	16·4	82	75	315	2	315	2	6≡^{0}	10	—	8·4	78	Sunny. Hot and sultry evening.
11	1024·1	1021·4	92·9	90·6	97	89	4·8	3·4	13·2	13·3	56	67	247	2	225	3	2	10	—	5·4	81	Fine till 15 h., then c. o.
12	1021·4	1024·7	91·2	88·2	96	87	3·0	2·7	14·6	12·3	71	72	247	3	337	2	8	8	—	6·7	83	≡^{0} a. Fine to c.
13	1027·4	1025·2	90·3	89·6	96	85	3·6	2·7	12·7	13·6	65	74	270	2	270	2	7	1	—	11·2	81	Fine and sunny.
14	1019·5	1017·0	91·7	88·4	97	85	4·9	2·0	12·2	13·6	57	79	225	4	293	4	0	1	—	10·5	79	Fine and sunny.
15	1020·5	1021·0	89·7	87·1	94	85	4·7	2·9	10·6	11·1	56	69	293	3	360	3	6≡^{0}	4	—	10·4	81	Fine and sunny.
16	1018·9	1016·1	88·6	87·0	92	n 82	3·7	3·3	11·1	10·5	64	66	225	3	293	3	10≡^{0}	10	1·2	1·4	n 74	Mostly c. Sunny 3 h.–4 h.
17	1014·1	1014·3	89·2	88·2	92	85	2·8	1·9	13·1	13·6	72	80	270	3	247	3	10	9	—	0·6	83	Dull a. Sunny gleams p.
18	1016·6	1020·5	89·8	86·9	93	85	3·6	2·2	12·3	12·0	65	76	293	5	293	4	9	5	—	6·1	85	Intermittent sunshine. ⊕ 16 h.
19	1020·6	1019·3	88·2	90·3	95	85	3·4	2·1	11·3	15·2	66	78	293	3	270	3	8∞	4	—	5·2	82	Sunny till 15 h. ⊕ 11 h. 30 m.
20	1020·2	1021·0	94·6	91·0	99	x 90	4·0	1·6	16·5	17·0	64	83	293	4	247	3	6	1	—	10·9	88	Mostly fine and sunny.
21	1022·6	1017·4	92·5	93·7	x 100	89	2·7	3·0	16·7	17·2	74	71	225	3	203	4	4∞	0	—	9·5	86	Fine and sunny. Clear n.
22	1014·2	1012·4	92·3	89·8	x 100	89	3·1	1·6	15·5	15·6	70	82	247	3	270	4	2∞	10●	—	9·2	87	Fine. c. to o. 15 h.–18 h.
23	1019·9	1018·7	87·5	86·4	92	85	3·2	2·2	10·9	11·5	67	75	360	4	203	2	8	1	—	2·2	83	Mostly o. Sunny 10 h.–11 h. 30 m.
24	1016·4	1016·3	87·9	87·4	95	83	3·2	3·1	11·3	11·1	67	68	337	2	270	2	5∞	1	0·3	5·5	77	c. to fine. o. from 16 h.
25	1012·7	1007·6	87·3	86·3	n 88	83	2·0	0·2	12·6	14·8	78	98	203	4	203	2	10	10	8·6	0·1	81	g., with ●^{0} all day.
26	1009·7	1015·1	87·3	85·7	91	85	1·6	1·3	13·2	12·5	82	86	315	4	315	4	10≡^{0}	10	0·9	1·3	83	g., with occasional ● showers.
27	1014·8	1009·2	86·7	86·5	89	83	1·5	0·3	12·8	14·8	82	96	247	3	225	4	10	10	x 10·4	—	80	o., with ●.
28	1013·2	1020·6	87·8	85·3	90	85	1·9	1·4	13·3	11·9	79	83	360	5	337	4	9≡^{0}	5	—	2·3	83	Intermittent sunshine.
29	1024·8	1025·1	86·6	84·8	90	84	0·5	2·3	14·6	10·1	95	74	337	2	360	4	9≡^{0}	2	—	1·0	81	Mostly g.
30	1022·4	1016·1	87·1	87·6	92	84	2·4	0·7	11·8	15·2	74	93	270	3	270	3	10	2	2·3	1·5	80	Mostly o.
31	1012·3	1006·2	85·0	83·6	89	83	2·2	1·5	10·4	10·4	75	81	293	4	293	4	10	2	—	4·8	81	Sunny 10 h.–14 h.
Mean	1016·5	1016·0	89·2	88·1	93·7	85·1	2·9	1·9	12·9	13·7	71	80	3·2		3·1		7·7	6·0	33·2	4·61	82·1	
Mean Pressure at Station Level.	996·9	996·4																				

Cambridge, a.—August 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 12·8 m. ; Barometer, H_b = 13·1 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Lat. 52° 12′ N. Long. 0° 8′ E. *Time*, Greenwich mean time.

	8 h.	20 h.	8 h.	20 h.			8 h.	20 h.	8 h.	20 h.	8 h.	20 h.	8 h.		20 h.		8 h.	20 h.	8 h.			
1	1015·2	1010·7	91·3	89·1	98	84	2·1	3·7	16·3	11·5	79	64	135	1	90	2	6⌓	1⌓	—	9·1	81	Warm and sunny.
2	1006·0	1005·5	90·1	89·1	93	86	1·8	0·4	15·6	17·3	81	95	45	3	90	1	9	9	1·3	—	83	o. all day. ● from 14 h.
3	1004·6	1005·1	89·1	88·6	93	85	1·7	2·2	14·9	13·5	83	77	203	2	293	1	9	8	1·0	1·2	82	Mostly o., with sunny intervals.
4	1007·5	1008·7	91·1	89·7	96	84	2·3	0·9	15·9	16·9	78	91	270	3	180	1	6	9	0·3	6·0	82	Fine and warm ; dull intervals.
5	1008·7	1004·9	89·1	90·3	94	87	1·4	1·5	15·2	16·6	84	84	180	2	157	4	10	10	2·3	0·8	86	Mostly o.
6	1002·1	1007·7	88·6	89·1	95	84	2·9	1·7	12·2	14·9	70	82	247	3	315	1	4	1⌓	0·5	11·3	82	Fine and warm.
7	1014·7	1015·8	89·9	90·8	96	84	1·5	1·7	15·9	16·6	84	82	360	3	180	1	10⌓	10⌓⌓	—	4·2	81	o. early to bright. o. n.
8	1016·1	1018·4	90·2	86·4	95	85	1·6	1·6	15·9	12·5	82	81	225	4	270	2	9⌓⌓	7⌓⌓	—	2·0	82	Sunny intervals a. Mostly o.
9	1020·3	1025·0	88·4	86·6	94	84	2·3	1·4	13·2	12·9	75	84	270	4	270	1	9	0⌓⌓	—	6·1	80	o. a. to bright.
10	1027·1	1027·1	89·7	89·3	97	n 80	2·8	2·4	13·5	13·9	72	75	135	1	135	3	0⌓	0⌓⌓	—	9·3	77	Beautiful day.
11	1024·9	1022·4	90·4	92·6	97	83	4·6	2·8	11·2	16·6	58	73	180	2	203	1	2⌓	10	—	8·0	82	Beautiful day.
12	1021·6	1023·0	93·8	91·6	99	86	4·9	3·0	14·2	14·9	57	71	270	1	315	2	6	1	—	10·2	83	Beautiful day.
13	1026·6	1023·4	90·8	87·3	97	83	3·4	1·1	13·5	14·2	67	87	315	1	270	2	0	0	—	11·4	78	Beautiful day.
14	1021·2	1005·8	93·7	93·1	100	84	1·8	4·4	19·6	14·2	81	60	225	4	225	2	1	2	—	11·5	80	Beautiful day.
15	1019·7	1019·7	90·8	90·7	96	84	4·5	4·4	11·9	11·9	59	60	360	2	360	2	2	8	—	12·2	79	Beautiful day. c. n.
16	1019·7	1015·7	88·1	88·6	96	n 80	2·6	2·4	12·5	13·2	73	75	—	0	—	0	6	10	—	5·2	77	Sunny to o.
17	1015·4	1014·2	88·6	89·3	94	85	1·7	1·8	14·6	14·9	83	81	270	4	180	4	10	10	—	0·1	84	Mostly o.
18	1016·1	1018·2	91·9	88·7	96	86	3·9	2·8	13·9	12·5	64	71	270	3	315	1	10	5	—	7·5	84	Fine and sunny ; dull intervals.
19	1019·9	1019·3	88·8	90·8	97	86	2·7	1·7	12·9	16·6	72	82	270	3	247	3	6	9	—	9·1	80	Fine and sunny. o. n.
20	1019·7	1020·6	93·3	94·1	101	89	2·5	2·8	17·9	18·3	76	73	247	4	225	1	9	0	—	9·5	85	Beautiful day.
21	1022·5	1019·2	93·1	94·8	102	89	2·3	2·7	17·9	19·3	77	74	247	4	203	1	5	0	—	10·9	85	o. early to sunny.
22	1015·0	1011·0	95·8	96·9	x 106	x 90	3·6	4·8	18·6	17·6	68	59	225	3	270	3	5	1	—	9·5	86	Fine and sunny.
23	1018·7	1018·9	88·6	86·3	97	86	3·4	0·5	11·5	14·2	66	93	23	2	90	1	10	10●	1·0	—	84	Mostly o. ; d. from 14 h.
24	1016·6	1014·7	85·8	88·6	94	82	0·5	2·4	13·9	13·2	94	75	—	0	135	1	8⌓	10	—	5·3	79	≡ early to sunny. o. n.
25	1014·5	1009·2	88·8	85·9	94	n 80	4·7	0·5	10·2	13·9	n 56	95	157	3	180	3	5	10	x 6·9	4·5	76	Sunny a. to o. ● in evening.
26	1007·0	1013·3	88·2	87·7	94	86	1·1	1·6	14·9	13·5	88	81	270	2	270	3	10	5	—	3·0	84	o. early ; sunny intervals later.
27	1015·3	1012·5	87·8	86·9	n 90	84	2·0	0·3	12·9	15·2	77	97	270	2	225	2	10	10●	4·1	—	80	o. all day. ● n.
28	1009·8	1019·1	87·4	86·3	91	86	0·5	1·6	15·2	12·5	93	81	315	1	315	1	10●^{0}	2	3·0	2·0	84	o. d. a. Sunny intervals p.
29	1022·9	1023·9	86·3	88·0	92	81	2·2	2·8	11·5	11·9	75	71	315	2	315	2	1⌓	5	—	6·4	77	Sunny a. o. p. Clear n.
30	1022·9	1016·2	85·6	89·1	93	n 80	1·3	1·1	12·2	15·9	84	88	225	1	270	2	10	10●^{0}	1·0	2·9	n 75	Sunny intervals. d. n.
31	1012·1	1005·7	87·4	84·3	91	84	2·7	1·2	11·5	11·5	71	85	270	3	270	3	5	10	0·3	3·8	82	Sunny intervals. o. n.
Mean	1016·3	1015·3	89·8	89·4	95·7	84·4	2·5	2·1	14·2	14·6	75	79	2·4		1·8		6·5	5·9	21·7	5·90	81·3	
Mean Pressure at Station Level.	1014·8	1013·7																				

x denotes the maximum and *n* the minimum value in the column.

* From July 1918, this station has taken the place of Shrewsbury, where the observations have been discontinued.

ARMAGH, a.c.d.—AUGUST 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 59·8 m. ; Barometer, H_b = 61·6 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Cups of Anemometer, h_a = 15·2 m. Lat. 54° 21′ N. Long. 6° 39′ W. *Time*, Local mean time, 25 m. after Greenwich.

Day.	Air Pressure at Mean Sea Level.		Air Temperature in Degrees Absolute.				Humidity. Depression of Wet Bulb.		Humidity. Vapour Pressure.		Humidity. Percentage.		Wind. Veer from North and Force or Speed.				Cloud Amount and Weather.		Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.		9 h.	21 h.				
	millibar.		a. 200 +	a. 200 +	a. 200 +	a. 200 +	°	°	millibar.		%	%	°	m/s.	°	m/s.	Tenths of Sky covered.		mm.	hr.	a. 200 +	
1	1011·2	1010·5	90·4	90·1	95	88	1·1	1·6	17·5	16·0	88	83	—	1	120	3	9	10	1·8	0·5	83	Mostly o.
2	1009·1	1006·8	86·4	88·5	93	86	0·0	1·2	15·3	15·1	100	87	64	2	—	0	10	10	0·1	3·1	86	● *a.* Bright afternoon.
3	1007·1	1007·1	87·6	89·7	94	86	1·2	1·2	14·2	16·4	86	86	—	1	—	0	9	7	4·1	7·8	82	Fine.
4	1007·1	1005·7	87·3	87·4	90	86	0·2	1·1	15·7	14·2	97	87	—	0	190	2	10	9	0·2	—	84	●^{2} 5 h. 15 m.–7 h. 15 m. o.
5	1003·4	996·9	87·2	86·7	90	86	0·3	0·0	15·5	15·5	96	100	—	1	—	0	10	10	*x* 25·0	—	84	●^{2} 13 h. 45 m.–19 h. 0 m. o.
6	1004·0	1012·8	87·5	88·6	94	84	0·2	0·7	16·0	16·3	98	92	—	1	—	0	10	10	0·1	1·3	81	Mostly o.
7	1013·2	1011·2	88·6	87·4	93	85	1·8	1·2	14·2	14·1	81	87	210	2	214	3	5	6	—	5·4	80	Fine.
8	1012·5	1016·2	88·1	86·2	91	85	1·7	1·0	13·8	13·3	82	88	217	4	248	2	7	7	0·8	6·9	83	Fine.
9	1021·7	1025·7	88·1	89·5	95	85	1·8	0·9	13·6	16·7	80	90	264	2	—	0	9	6	—	7·8	82	Fine.
10	1025·4	1022·7	88·9	91·2	95	87	0·8	1·3	16·3	18·0	91	87	191	3	173	3	10	10	—	3·5	83	Dull *a.* Fine afternoon.
11	1019·3	1017·3	88·5	88·1	91	87	0·6	0·9	16·3	15·3	94	91	154	3	200	2	9	2	6·6	1·4	84	Mostly o.
12	1020·0	1024·0	87·9	87·3	94	85	1·1	1·0	14·8	14·3	87	88	220	2	—	0	8	9	—	6·8	84	Fine.
13	1025·4	1018·9	88·2	90·2	95	84	1·4	1·1	14·5	17·0	85	87	216	3	183	4	5	1	0·1	8·4	81	Fine.
14	1011·2	1016·2	87·7	86·2	93	85	0·7	1·6	15·2	12·4	91	82	214	7	259	2	10	4	0·8	7·4	83	Dull *a.* Fine afternoon.
15	1018·9	1020·0	86·6	84·3	92	84	1·0	1·4	13·5	11·1	88	83	—	1	—	0	9	7	0·1	6·7	82	Fine.
16	1016·2	1011·8	85·8	85·9	91	82	1·1	0·1	12·7	14·6	87	99	217	3	220	2	10	10	4·4	1·6	78	Mostly o.
17	1011·5	1011·8	86·8	87·6	90	84	0·6	0·8	14·4	15·1	93	91	223	3	—	1	10	10	1·7	0·3	83	o.
18	1015·6	1019·6	86·6	85·9	90	85	0·9	1·1	13·8	12·8	89	87	—	1	—	1	8	9	0·8	4·7	83	Sun and showers.
19	1018·9	1014·5	86·4	89·7	91	85	1·1	0·0	13·2	18·8	87	100	—	1	218	2	9	10	1·1	0·4	80	o.
20	1015·6	1015·2	91·3	89·9	*x* 96	*x* 89	0·7	1·0	19·3	17·1	92	90	214	5	214	4	8	10	1·3	4·2	88	Fine.
21	1017·9	1010·1	87·8	90·8	95	86	0·1	0·7	16·6	18·6	99	92	—	0	203	3	10	9	—	4·4	86	Fine.
22	1004·7	1013·5	91·2	84·1	94	84	2·1	0·9	16·3	11·6	79	89	200	9	—	1	9	5	0·2	1·3	87	Mostly o.
23	1019·6	1016·9	85·8	84·9	92	80	1·2	0·2	12·6	13·4	86	97	225	2	—	0	5	6	0·6	10·3	*n* 76	Very fine.
24	1013·2	1009·8	86·9	88·0	91	83	1·3	0·7	13·3	15·5	84	92	200	4	173	3	7	9	2·5	3·5	78	Fine.
25	1006·8	1007·4	88·1	86·3	93	86	0·8	0·2	15·4	14·8	91	98	205	3	—	0	9	10	1·2	2·7	82	Dull *a.* Sun and showers *p.* T
26	1010·1	1014·2	86·3	85·4	*n* 89	85	0·6	1·0	14·0	12·6	92	88	284	2	—	1	10	9	6·3	1·1	81	Mostly o.
27	1009·1	1011·8	86·5	85·7	91	85	0·1	0·1	15·2	14·4	99	99	193	5	326	2	10	10	3·5	0·4	83	Mostly o.
28	1019·3	1024·0	86·5	84·6	91	82	2·8	1·3	10·8	11·5	*n* 70	85	330	2	—	1	2	8	—	8·0	80	Fine.
29	1026·1	1023·7	85·7	86·2	*n* 89	80	1·2	1·3	12·5	12·8	86	85	—	0	223	3	8	9	—	0·5	*n* 76	Mostly o.
30	1018·3	1015·9	88·4	84·5	92	84	0·4	1·6	16·6	11·0	96	81	236	2	—	1	9	8	0·1	7·1	84	Fine.
31	1011·2	1008·1	85·1	79·2	*n* 89	*n* 79	2·0	0·3	10·7	9·0	77	96	—	1	—	1	3	0	1·3	6·7	77	Fine.
Mean	1014·3	1014·2	87·6	87·1	92·2	84·6	1·0	0·9	14·7	14·5	89	90		2·5		1·5	8·3	7·7	64·7	4·00	82·1	
Mean Pressure at Station Level.	1007·0	1006·9																				

DUBLIN (PHŒNIX PARK), a.c.—AUGUST 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 47·3 m. ; Barometer, H_b = 48·5 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Lat. 53° 22′ N. Long. 6° 21′ W. *Time*, Local mean time, 25 m. after Greenwich.

													°	0–12	°	0–12						
1	1010·1	1009·8	90·0	87·9	92	82	1·8	0·2	15·6	16·3	81	97	135	2	—	0	10	10	4·2	—	78	o. all day.
2	1007·8	1006·1	87·4	86·7	90	86	0·2	1·1	15·9	13·5	97	87	—	0	—	0	10●	10	1·0	—	85	●^{2} *a.* and *p.* o. all day.
3	1006·8	1007·4	89·4	85·7	92	84	2·3	0·5	13·9	13·9	76	94	90	3	—	0	10	10	—	7·2	79	c.
4	1007·8	1008·1	88·4	87·2	90	86	0·7	3·1	15·9	10·8	91	68	225	3	—	0	10	10●	2·3	—	78	o. all day. ●^{0} *p.*
5	1003·0	*999·0*	90·0	84·9	94	83	1·2	1·6	16·6	11·2	86	81	45	3	315	3	10	10	*x* 23·1	—	81	o. all day. T ●^{2} 16 h.
6	1004·4	1013·2	89·6	86·4	94	82	1·8	1·7	15·2	12·2	81	80	315	5	—	0	8	10	1·6	8·1	79	c.
7	1013·5	1012·5	90·9	87·8	95	84	3·1	1·7	14·2	13·5	69	81	135	3	135	2	3	7	—	7·1	80	c.
8	1015·2	1017·3	87·1	87·6	91	85	1·3	1·8	13·5	13·2	85	79	225	3	225	2	8	4	0·4	5·1	80	●^{0} showers *a.* c.
9	1023·0	1025·7	90·3	88·7	94	86	3·1	1·3	13·5	15·2	69	87	225	4	—	0	3	5	—	6·6	81	c.
10	1026·1	1023·7	90·3	89·6	96	85	1·6	1·2	16·3	16·3	83	87	—	0	—	0	0	6	—	3·9	80	c.
11	1019·3	1017·9	89·7	88·2	93	85	1·9	4·0	15·2	10·5	81	*n* 61	—	0	225	1	9	8	0·8	1·9	80	● showers *a.* and *p.* c.
12	1021·3	1025·7	90·6	85·2	94	85	3·0	0·6	13·9	12·9	70	92	225	4	270	3	4	0	1·1	11·2	77	Bright to c. ●^{2}▲ 11 h.
13	1026·1	1021·3	90·1	88·8	96	83	3·3	1·7	13·2	14·6	68	81	225	4	—	0	4	0	—	11·5	77	Bright. c. to o. *n.*
14	1013·5	1017·9	89·6	86·2	93	85	1·9	1·5	14·9	12·5	80	82	225	5	270	3	10	1	0·1	5·4	79	Bright to c. ●^{0} showers *a.*
15	1020·6	1020·6	89·0	85·2	91	84	1·8	0·8	14·6	12·9	82	90	270	4	270	2	6	8	—	3·2	79	c.
16	1017·3	*1014·5*	86·3	86·4	91	81	0·8	0·2	13·9	14·9	90	98	225	3	225	4	10	10	1·9	1·6	77	o. ●^{0} showers *p.*
17	*1013·9*	*1013·5*	87·5	86·9	91	85	0·8	1·0	14·9	13·9	90	88	225	5	225	5	10	8	2·2	0·5	82	●^{0} showers *a.* o.
18	1017·3	*1021·3*	87·3	86·1	92	85	1·2	1·5	13·9	12·5	85	83	225	5	225	2	4	3	—	8·2	84	Bright to c.
19	1019·6	1016·2	88·7	90·4	93	81	2·9	0·3	12·5	19·0	70	97	225	1	225	5	9	10●	0·3	1·5	76	o. ●^{0} *p.*
20	1017·9	*1017·3*	94·1	91·2	97	*x* 90	2·7	1·3	18·6	17·9	74	87	225	5	225	6	8	8	—	8·3	87	●^{0} early. Bright.
21	1019·3	1013·5	92·8	91·4	*x* 99	89	2·2	1·2	17·9	18·3	78	87	180	2	225	3	2	2	—	7·6	86	Bright.
22	1009·5	1014·9	93·1	84·6	95	84	2·3	0·8	18·3	12·2	78	91	225	6	225	1	2	4	1·5	5·7	84	Bright to c. ●^{2} showers *p.*
23	1021·0	1017·9	87·1	86·0	92	80	2·2	1·6	12·2	12·2	77	83	225	2	225	3	5	6	—	7·9	*n* 74	c.
24	1014·5	1011·8	90·7	87·6	92	81	3·5	0·7	13·2	15·2	67	92	225	5	225	6	7	10●	4·6	3·7	77	c. ● showers *p.*
25	1007·4	1007·1	89·1	86·5	92	86	1·2	0·9	15·9	13·5	87	89	225	2	225	3	9	10●	3·1	3·0	81	c. ●^{0} showers *a.* and *p.*
26	1011·8	*1015·6*	87·1	86·6	90	85	1·7	0·4	13·2	14·9	81	96	225	5	225	2	8	10●	4·8	3·4	82	●^{0} showers *a.* ● *p.* o. *n.*
27	1010·8	1012·8	86·9	86·4	92	85	0·6	0·3	14·6	14·6	92	96	180	3	180	6	10●	10	3·4	—	83	o. ● *a.* and p.
28	1020·0	1023·7	86·3	81·8	*n* 89	82	0·5	0·7	14·2	10·2	95	91	225	4	—	0	4	8	—	5·4	81	c.
29	1026·7	1025·4	87·2	84·1	90	*n* 79	2·4	0·9	11·9	11·5	75	88	225	2	225	3	6	9	—	5·2	75	c. o. *n.*
30	1020·0	1017·6	88·1	85·3	92	81	0·6	0·7	15·9	12·9	94	91	225	4	225	3	10●	10	0·2	3·5	76	●^{0} *a.* o.
31	1012·5	1008·4	85·4	82·4	90	82	2·2	1·4	10·8	9·8	75	83	225	5	—	0	10	3	—	5·4	79	c.
Mean	1015·4	1015·4	89·1	86·8	92·7	83·8	1·8	1·2	14·7	13·6	81	87		3·3		2·2	7·1	7·1	56·6	4·58	79·9	
Mean Pressure at Station Level.	1009·7	1009·6																				

x denotes the maximum and *n* the minimum value in the column.

METEOROLOGICAL OFFICE, LONDON,
October 11*th*, 1918.

[Price Sixpence.

DAILY READINGS AT METEOROLOGICAL STATIONS OF THE FIRST AND SECOND ORDERS, 1918.

DEERNESS, ORKNEY, a.b.c.—SEPTEMBER 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 48·8 m. ; Barometer, H_b = 49·7 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 1·2 m. Cups of Anemometer, h_a = 4·9 m. Lat. 58° 56′ N. Long. 2° 45′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level.		Air Temperature in Degrees Absolute.				Humidity. Depression of Wet Bulb.		Humidity. Vapour Pressure.		Humidity. Percentage.		Wind. Veer from North and Force or Speed.				Cloud Amount and Weather.		Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.		9 h.	21 h.				
	millibar.		a. 200 +	a. 200 +	a. 200 +	a. 200 +	°	°	millibar.		%	%	°	m/s.	°	m/s.	Tenths of Sky covered.		mm.	hr.	a. 200 +	
1	995·6	993·5	83·2	83·7	85	80	1·4	0·4	10·2	12·2	83	95	23	5	315	11	10	10●^{0}	9·1	0·9	No record.	●^{2} till 6 h. Fair till 17 h.
2	999·0	1006·4	85·6	83·8	*x* 87	*x* 82	0·8	1·0	13·0	11·3	90	88	360	9	326	7	3	10	0·8	8·0		●^{2} *n.* Fair *a.* Bright *p.*
3	1008·1	1009·1	82·4	81·7	85	81	0·5	0·1	10·9	11·0	94	99	315	7	337	5	10●^{0}	10●^{0}	2·9	0·3		●^{0} showers *a.* and after 18 h.
4	1015·6	1018·9	83·3	80·6	85	80	2·2	2·1	9·2	7·6	74	74	360	9	337	3	6	9	—	5·0		Dull, but fair.
5	1017·9	1014·5	81·7	82·7	83	79	2·2	1·9	8·1	9·2	73	77	281	5	259	6	10	10	0·7	—		Fair *a.* Dull *p.* ●^{0} *n.*
6	1012·5	1013·2	83·4	82·8	85	*x* 82	0·2	0·7	12·3	10·9	98	92	281	6	281	2	7	10	0·3	0·5		●^{0} till 9 h. Fine *p.*
7	1008·8	997·3	84·4	84·9	86	*x* 82	1·1	0·2	11·6	13·4	86	97	180	5	135	8	8	10	1·2	4·2		Fair. ≡: *n.*
8	985·1	985·4	85·4	81·9	86	81	0·0	0·3	14·3	10·9	100	96	124	11	304	7	10≡:	10●	13·0	—		≡ till 14 h. ● showers ● *n.*
9	986·1	990·5	82·8	82·8	85	81	1·6	0·7	9·7	10·9	82	92	259	5	169	3	9	0	0·5	5·0		●^{0} showers till 17 h. ♕ [h.
10	986·1	982·7	84·0	82·8	85	81	0·8	0·7	11·7	10·9	89	92	79	6	337	10	8	10●	8·5	—		Parhelion 7 h.–9 h. ●^{2} after 14
11	984·4	983·0	83·4	81·6	85	81	1·1	0·4	10·8	10·5	87	94	326	7	225	8	10	10●	4·8	2·0		●^{0} *n.* ⊕ 9 h. and 14 h. ● after 19 h.
12	984·4	997·9	83·9	81·7	86	81	0·8	0·6	11·6	10·4	90	93	360	7	315	8	8	10	3·8	3·5		● *n.* and *a.* Showers after 17 h.
13	1002·4	1009·5	81·1	78·9	83	78	0·6	1·1	9·9	7·8	93	85	315	8	337	7	8●^{0}	8●^{0}	5·1	4·6		●^{2} showers ; bright intervals.
14	1010·1	1014·2	79·7	77·7	82	*n* 75	3·0	2·1	6·2	6·1	*n* 63	71	293	8	293	5	3●^{0}	2	0·5	9·6		●^{2} *a.* ▲ showers 6 h. and *p.*
15	1018·9	1018·3	80·4	77·9	82	76	2·8	1·8	6·8	6·5	66	76	337	3	45	4	8	4	—	3·1		Fair. Mostly c.
16	1012·8	1008·1	79·4	78·9	*n* 80	77	2·7	1·4	6·4	7·4	66	81	45	8	67	7	9	10●	2·0	—		● after 17 h.
17	1001·0	994·2	82·2	83·7	84	78	0·6	0·0	10·8	12·7	93	100	79	8	90	7	10	10≡^{0}	3·0	—		●^{0} *a.* ≡, ≡^{0}● all *p.*
18	996·3	1001·3	83·9	81·1	86	81	0·3	1·1	12·5	9·1	97	86	247	2	203	2	10●^{0}	0	—	4·5		●^{0} *a.* ; fine later.
19	993·9	994·6	82·4	81·9	85	81	0·6	0·3	10·9	10·8	93	96	157	5	349	5	0	5	0·8	4·0		Fine all day. ⊕ 11 h.
20	1005·7	1006·4	81·1	78·7	82	78	2·7	1·8	7·3	7·0	68	77	293	7	—	1	3	7	—	2·8		●^{0} *n.* Fine all day.
21	1003·0	986·1	82·3	83·3	84	77	2·7	0·3	8·0	12·1	68	97	113	3	124	13	1	10●	*x* 14·2	5·6		Very fine *a.* ● after 18 h.
22	980·3	977·6	84·4	83·4	85	80	1·2	1·7	11·4	10·0	85	80	169	8	157	7	0	6	0·8	7·1		●^{2} till 2 h. ●^{0} 16 h.–17 h.
23	984·1	997·9	85·0	82·2	85	81	1·1	0·9	12·1	10·3	86	89	—	1	315	6	1	8	0·6	5·3		Very fine till 15 h. ●^{0} showers *p.*
24	996·9	990·5	80·8	81·7	84	80	0·9	1·1	9·2	9·6	89	86	203	5	247	7	10●	4	9·0	0·4		●^{0} showers all day.
25	991·2	1000·0	81·3	80·6	83	79	1·3	0·6	9·0	9·6	83	93	214	9	270	9	5●^{0}	4	10·8	3·1		●^{2} showers all day. [h., then ●.
26	1002·7	998·3	80·4	79·6	84	79	0·9	0·4	8·9	9·0	87	94	225	7	281	5	4	10●^{0}	6·1	5·1		●^{2} showers till 7 h. ; fine till 18
27	998·3	994·9	81·1	78·3	83	78	1·1	1·1	9·1	7·5	86	85	225	5	270	2	7	1	0·7	1·8		●^{2} showers. Fine after 18 h.
28	993·5	1000·0	77·8	77·1	81	76	0·6	0·8	7·9	7·2	92	89	247	3	304	3	4	3	3·2	4·6		●^{0} showers all day. ♕
29	1004·4	1008·4	81·7	79·4	82	76	1·7	1·6	8·8	7·5	79	79	293	2	337	9	6	2	2·0	5·5		●^{0} *n.* and all day. ♕
30	1013·2	1013·5	79·4	77·2	*n* 80	77	2·8	1·1	6·3	6·9	65	84	337	8	337	5	8	5	2·2	3·0		● showers after 13 h.
Mean	999·7	1000·2	82·3	81·1	83·9	79·3	1·3	0·9	9·8	9·5	84	88		6·1		6·1	6·5	6·9	106·6	3·32		
Mean Pressure at Station Level.	993·6	994·1																				

ABERDEEN, a.c.e.—SEPTEMBER 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 14·0 m. ; Barometer, H_b = 26·8 m. Heights above Ground :—Therms., h_t = 12·5 m. Rain-gauge, h_r = 0·61 m. Cups of Anemometer, h_a = 21·9 m. Lat. 57° 10′ N. Long. 2° 6′ W. *Time*, Greenwich mean time.

																			0 h. to 24 h.			
1	994·2	996·0	82·8	84·1	86	80	1·0	1·1	10·5	11·3	87	86	300	4	270	5	9	9●^{0}	*x* 27·4	4·3	78	●^{2} early. c. q. ● showers.
2	996·9	1005·9	83·2	84·2	*x* 88	*x* 82	1·1	1·2	10·6	11·2	86	85	360	5	315	6	10	5	4·4	5·8	80	c. q. ●^{0} showers.
3	1009·6	1011·0	84·4	82·0	86	81	1·8	1·5	10·4	9·2	78	81	300	6	285	6	3	1	1·2	0·8	80	Fair and q. to dull. ●^{0}.
4	1014·3	1018·5	84·4	82·1	85	80	2·9	2·6	8·9	8·0	67	69	360	5	330	2	9●	5	0·1	1·5	76	Dull to c. ●^{0} showers.
5	1019·3	1016·3	83·0	81·7	86	80	2·9	2·0	8·0	8·4	66	75	—	0	210	3	10	0	—	5·1	78	Dull, with ≡^{0} to fine.
6	1015·8	1014·9	82·9	82·5	87	76	2·6	1·4	8·4	9·7	69	82	285	3	195	2	7	7	—	7·7	72	Fine, with ≡^{0} and ⌒ to fair.
7	1010·4	999·3	84·9	85·4	*x* 88	80	1·0	0·2	12·1	14·0	88	98	195	3	150	4	9≡^{0}	10●≡^{0}	2·1	3·8	75	Fair to dull. ● *n.*
8	986·5	985·8	87·0	82·1	*x* 88	*x* 82	0·5	0·4	14·9	10·9	94	95	165	5	300	6	8	10	18·5	0·7	84	c. to dull. ●^{2} *p.* and *n.*
9	989·4	990·9	84·2	82·9	*x* 88	80	2·8	1·3	8·9	10·0	68	83	225	4	—	1	0	0	—	9·2	76	Fine to fair. ●^{0} *n.*
10	981·6	982·5	84·2	81·2	84	79	1·1	0·7	11·4	9·8	86	91	45	4	300	8	10	10●	20·5	—	74	Dull all day. ●^{2} after 11 h.
11	986·0	987·6	82·9	82·3	87	81	1·7	1·3	9·5	9·7	79	83	270	5	240	3	10●	4	1·7	3·9	80	●^{0} showers. ⊕ 13 h.
12	986·9	999·3	83·7	82·5	86	80	2·4	1·3	9·2	9·8	72	83	270	5	300	6	9	5	1·3	4·6	73	Fair to c. q. ●^{0} showers.
13	1004·7	1010·7	81·6	79·5	85	79	2·7	1·6	7·6	7·5	68	78	285	10	300	6	4	0	0·5	10·2	77	Fair and q. to fine.
14	1012·4	1015·4	80·2	77·9	82	76	2·6	1·4	6·8	6·9	67	80	300	5	315	3	0	1	—	10·2	71	Fair to fine. ⊕ 13 h.
15	1019·4	1015·4	79·1	79·6	82	*n* 74	1·9	1·6	7·1	7·6	75	78	300	3	105	6	3	10●	4·0	4·0	69	Fine to dull. ⌣ *a.* ● *n.*
16	1008·9	1004·3	79·6	81·0	82	79	0·8	0·2	8·7	10·3	89	97	60	11	60	8	10●	10●≡^{0}	25·2	—	77	Dull and q. ●^{2} all day.
17	999·3	994·0	83·8	84·9	86	*x* 82	0·3	0·4	12·3	13·1	96	95	90	3	—	1	10●	4	8·4	—	71	●≡^{0} *a.* T≡^{0}● *p.*
18	999·7	1003·7	84·4	82·0	87	81	2·0	1·9	10·2	8·7	76	76	210	4	210	2	2	0	—	9·6	81	Fair to fine.
19	996·1	995·5	81·5	81·9	87	80	1·5	0·7	8·9	10·2	81	90	195	3	300	8	10∞	8●	3·5	4·6	73	Dull to c. q. ●^{0} showers *n.*
20	1008·2	1006·6	82·2	79·1	84	79	2·2	0·9	8·4	8·2	73	87	285	3	270	2	8	5	0·7	1·9	77	Dull to fair. ●^{0} showers.
21	1003·8	987·0	81·0	84·1	85	78	1·3	0·4	8·8	12·5	83	95	—	0	165	6	10	10●	4·7	—	73	Dull and g. ● *p.* and *n.*
22	983·7	979·8	84·0	83·9	87	*x* 82	2·3	2·0	9·5	9·8	73	76	180	5	165	5	4	7	—	6·9	77	Fine to c.
23	983·8	998·7	84·0	83·0	86	81	1·6	0·7	10·6	11·1	81	91	—	1	315	4	4	4	1·7	0·7	76	Fair to dull. ●^{0} *p.*
24	1001·0	995·5	80·5	82·8	85	79	0·6	2·4	9·5	8·6	92	71	225	4	225	3	10∞	4	2·8	3·5	72	●^{0} and q. to fair.
25	996·7	1005·5	82·2	80·9	85	79	2·8	2·5	7·7	7·4	67	69	225	4	225	4	0	0	0·2	7·8	73	Fair to c. and q. ●^{0} showers.
26	1005·9	1001·6	82·5	83·0	87	79	2·2	2·1	8·6	9·1	73	75	210	3	225	3	2	1	—	6·1	72	Fine to c. alternately.
27	1002·6	998·0	81·9	79·0	84	78	2·9	1·5	7·5	7·4	66	80	225	3	225	2	3	4	—	3·3	71	Fine with ⌣ to c.
28	995·1	1001·8	80·4	78·2	83	78	2·9	1·3	6·6	7·1	*n* 64	81	270	5	270	3	1	0	0·2	6·4	74	Fair and q. ●^{0} showers. ♕ *n.*
29	1005·9	1007·2	80·7	78·5	83	77	2·1	0·8	7·7	7·9	73	88	285	4	330	3	0	5	1·0	6·0	*n* 68	Fine to fair. ⌣ *a.* ⊕ *p.*
30	1012·1	1014·5	79·3	78·3	*n* 81	78	1·7	1·8	7·4	6·7	77	75	330	6	270	4	8	4	1·9	5·9	75	Fair and q. ●^{0} showers.
Mean	1001·0	1001·4	82·6	81·7	85·3	79·2	1·9	1·3	9·2	9·4	77	83		4·2		4·0	6·2	4·6	132·0	4·50	75·3	
Mean Pressure at Station Level.	997·8	998·2																				

Corresponding Normal Values are referred to thus :—a. Appendix IV., "Weekly Weather Report," 1913 ; b. Appendix I., "Meteorological Observations at Stations of the Second Order," 1891 ; c. "Temperature Tables of the British Islands," 1871–1900 ; d. "Rainfall Tables of the British Islands," Part I., 1866–1880. Part II., 1881–1890 ; e. "Hourly Values," *Geophysical Section*, 1912.

Wt. 15559/478—250—11/18.—N. & Co., Ltd. Gp. XV.

Fort William, Inverness-shire, a.c.—September 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 52·1 m.; Barometer, H_b = 11·6 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Lat. 56° 49′ N. Long. 5° 7′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level. 9 h.	Air Pressure 21 h.	Air Temperature in Degrees Absolute. 9 h.	Air Temp. 21 h.	Max.	Min.	Humidity. Depression of Wet Bulb. 9 h.	Depression 21 h.	Vapour Pressure. 9 h.	Vapour Pressure 21 h.	Percentage. 9 h.	Percentage 21 h.	Wind. Veer from North and Force or Speed. 9 h.	9 h.	21 h.	21 h.	Cloud Amount and Weather. 9 h.	21 h.	Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		a. 200 +	a. 200 +	a. 200 +	a. 200 +	°	°	millibar.		%	%	°	0–12	°	0–12	Tenths of Sky covered.		mm.	hr.	a. 200 +	
1	998·3	1001·3	84·6	84·1	*x* 89	78	1·3	1·3	11·4	10·9	85	85	315	1	45	2	10	10	3·6	No record.	No record.	●² showers; bright intervals.
2	1002·0	1009·5	85·6	83·0	*x* 89	*x* 83	2·3	1·8	10·7	9·5	74	78	90	1	—	0	6	3	—			Clear, fine, and sunny.
3	1012·8	1013·2	85·9	80·8	87	80	2·9	1·6	10·2	8·4	69	80	315	2	—	0	9	4	—			c., but fair.
4	1015·6	1018·9	83·6	79·1	86	79	2·8	1·6	8·7	7·4	68	79	45	3	45	1	9	1	—			Fine, clear, and sunny.
5	1019·6	1016·9	81·4	79·9	*x* 89	75	2·3	1·1	7·8	8·4	72	85	—	0	—	0	0	1	—			⌓. Very fine.
6	1016·6	1014·5	79·7	80·2	*x* 89	*n* 74	0·6	1·1	9·0	8·6	92	85	45	2	—	0	0	0	—			≡ early; mostly cloudless.
7	1008·8	993·9	81·3	86·9	88	75	1·1	1·0	9·3	13·9	86	88	—	0	225	2	10	10●	30·0			Dull and showery. ●² after 22 h.
8	984·1	988·8	85·2	80·4	87	80	0·2	0·7	13·7	9·2	97	90	—	0	225	2	10●	3	8·4			Showery till 12 h. Afternoon fine.
9	989·8	989·1	82·5	80·2	88	79	0·7	0·7	10·8	9·1	92	91	270	3	90	1	10●⁰	2	5·8			●² showers; sunny intervals.
10	984·4	987·5	81·8	82·0	86	80	1·2	1·2	9·4	9·6	84	85	90	1	225	1	10●⁰	6	0·3			Dull and c.
11	988·8	989·1	82·4	81·3	*x* 89	79	1·0	0·6	10·3	10·1	87	93	270	1	225	2	9	10●⁰	11·9			●² showers; sunny intervals.
12	990·5	1002·7	83·0	83·6	*x* 89	81	0·6	1·8	11·3	9·9	93	78	—	0	315	3	10●⁰	10●⁰	1·0			Alternate sun and showers.
13	1008·4	1012·2	82·6	80·1	86	79	2·4	1·0	8·6	8·7	71	86	315	2	—	0	8	3	—			Fair to fine and sunny.
14	1012·2	1016·6	80·5	76·9	83	75	3·5	1·6	6·1	6·3	59	78	45	2	45	2	4	1	—			Fine, clear, and sunny.
15	1017·3	1011·2	79·1	80·6	83	*n* 74	2·8	2·6	6·1	7·1	*n* 65	68	45	3	45	3	10	10	2·0			c., but fair.
16	1005·7	1001·0	78·7	80·8	*n* 81	77	1·3	1·1	7·4	9·0	83	86	45	5	45	2	10●⁰	10	5·8			Showery. ⧆ on hill tops.
17	995·6	991·2	84·8	85·2	*x* 89	80	1·2	0·4	11·6	13·3	85	94	45	1	—	0	10	10	5·6			Dull, but fair. ●² showers *p.*
18	999·0	1000·3	83·7	81·9	88	81	1·9	1·8	9·8	8·7	77	77	225	5	225	3	8	2	2·0			Alternate sun and shower.
19	992·2	1001·7	83·7	83·0	86	81	1·3	2·2	10·8	9·0	84	74	225	3	315	4	9●⁰	10●⁰	8·4			Dull and showery.
20	1009·1	1005·7	80·4	80·0	86	79	0·7	0·9	9·2	8·8	90	88	270	2	—	0	9	10	0·5			Fair to fine.
21	1001·0	984·1	81·9	83·6	85	79	1·7	0·6	8·9	11·8	79	93	90	1	225	3	10	10●⁰	19·1			Fair, but dull. ●² after 17 h.
22	979·0	975·6	83·0	81·9	84	80	2·6	0·9	8·5	9·9	70	88	225	4	225	2	10●⁰	10●	*x* 33·5			Dull and o., with ●².
23	985·4	1001·7	81·4	81·3	86	81	0·7	1·2	10·0	9·1	92	85	—	0	180	2	10	3	6·6			Fair to fine.
24	997·6	997·6	79·7	81·9	86	79	0·4	1·7	9·1	8·9	94	79	225	4	270	3	10●	9●⁰	10·2			Unsettled and showery.
25	997·6	1008·1	80·2	79·7	86	79	0·7	1·1	9·1	8·2	91	84	225	4	225	3	7●⁰	3	11·7			Bleak and showery.
26	1005·1	1004·0	84·0	80·2	87	79	1·4	0·6	10·8	9·3	82	92	225	2	225	2	8	10●⁰	13·2			Dull, with ●² showers.
27	1002·0	997·3	81·3	79·1	82	78	1·0	0·6	9·5	8·7	87	92	225	3	225	2	10●	10	16·5			Dull, with ●² showers.
28	998·3	1004·4	78·7	80·2	82	76	0·7	2·1	8·1	7·4	90	73	270	3	270	2	10●	8	3·3			Showery. ✱ on hills.
29	1006·8	1008·8	80·2	79·1	85	77	1·1	1·3	8·6	7·7	85	82	—	0	360	3	5	10	0·5			Fair to fine and sunny.
30	1015·9	1017·9	79·1	79·7	83	76	1·1	1·7	7·9	7·5	84	77	—	0	315	3	10	8	0·3			Fair to fine and sunny.
Mean	1001·3	1002·2	82·0	81·2	86·1	78·4	1·4	1·3	9·4	9·1	82	84		1·9		1·8	8·4	6·6	200·2			
Mean Pressure at Station Level.	999·8	1000·7																				

Douglas, Isle of Man, a.—September 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 84·5 m.; Barometer, H_b = 86·6 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Lat. 4° 10′ N. Long. 4° 28′ W. *Time*, Local mean time, 20 m. after Greenwich.

Day.	Pressure 9 h.	Pressure 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Depression 9 h.	Depression 21 h.	Vapour Pressure 9 h.	Vapour Pressure 21 h.	Percentage 9 h.	Percentage 21 h.	Wind 9 h.	9 h.	Wind 21 h.	21 h.	Cloud 9 h.	Cloud 21 h.	Rain	Sunshine	Min. Temp. on Grass	Remarks
1	1004·4	1005·7	83·0	84·1	85	81	1·3	0·5	10·2	12·2	84	93	270	6	293	6	8	10	4·3	1·6	80	c. o. q., with ● showers.
2	1004·4	1011·8	84·7	84·7	87	83	1·1	1·1	11·9	11·9	86	86	293	7	337	6	8	4	0·5	3·7	83	c. q. before 15 h., then bright.
3	1014·9	1014·5	85·8	83·6	88	84	2·2	0·6	11·2	11·9	75	93	315	4	270	1	4	6	—	8·7	82	Fine; q. at intervals.
4	1012·2	1014·9	84·1	84·4	85	82	1·5	1·4	10·8	11·2	81	83	45	3	90	4	10	10	6·1	—	81	● showers 10 h.–16 h. o.
5	1016·2	1015·9	85·2	85·2	87	84	2·2	1·1	10·5	12·2	74	86	113	5	113	3	10	10●	—	1·1	83	o. c. d. 21 h.
6	1015·9	1014·5	85·8	86·3	*x* 91	85	1·1	0·8	12·9	13·9	87	90	45	2	45	1	10●	8	0·3	2·4	84	o. c. to bright ⌓ *p.*
7	1010·5	997·6	87·4	87·4	90	85	1·1	0·5	14·2	15·2	87	93	135	2	180	2	8	10	2·3	4·0	84	c. o.; bright intervals.
8	987·1	992·2	84·9	81·9	87	82	0·8	1·1	12·5	9·8	89	86	270	4	270	4	8	4	1·8	3·2	85	c. q., with ● showers. ⌒ *p.*
9	995·6	989·8	84·8	84·1	87	81	2·0	0·5	10·5	12·2	76	93	247	5	113	2	7	10●	8·4	8·5	80	Mostly bright. ● after 19 h.
10	987·1	991·2	84·1	83·0	87	81	2·1	1·4	9·8	10·2	75	83	270	8	270	5	4	2	2·0	9·2	80	⫽ *a.* ● showers *p.* ⌒
11	991·2	993·5	82·1	81·9	87	81	0·9	0·7	10·2	10·2	90	92	270	2	270	2	8	2	2·3	6·0	80	c. to bright. ▲● 16 h.
12	995·6	1004·4	84·1	84·1	87	80	1·5	0·7	10·8	11·9	81	91	270	6	315	6	8	10	1·5	4·4	78	q. and ● showers; bright intervals.
13	1012·2	1013·5	85·8	81·6	87	81	2·2	0·3	11·2	10·8	75	96	270	5	315	1	4	5	12·2	5·2	81	Bright *a.* ● showers *p.* o. q.
14	1006·4	1012·2	81·7	83·1	84	80	0·0	1·1	11·2	10·5	100	86	67	4	113	4	10●	10	3·8	—	78	Continuous ● from 13 h. o. q.
15	1013·5	1003·0	82·4	86·9	87	81	0·5	0·0	10·8	15·9	93	100	113	4	225	3	10	10≡	*x* 118·9	—	81	Continuous ● till 11 h.
16	999·3	1001·0	87·4	86·9	88	*x* 86	0·0	0·6	16·3	14·6	100	93	180	3	180	2	10≡	7	9·4	0·7	82	≡² ● *a.*
17	994·9	997·9	87·1	86·9	89	*x* 86	0·2	1·1	15·6	13·9	98	87	157	2	225	5	7	8	1·8	1·6	86	c. o., with ● showers.
18	1005·1	1005·4	85·2	83·0	87	82	2·2	0·6	10·5	11·2	74	93	247	3	247	1	4	7⌓	—	11·1	80	Very fine.
19	1002·4	1008·1	82·4	83·0	85	81	0·6	1·4	10·8	10·2	92	83	247	6	270	6	8	7	3·3	3·1	80	c. q ● showers 10 h.–11 h.
20	1013·9	1003·7	82·7	83·6	86	80	1·9	0·3	9·1	12·2	76	97	270	3	180	3	8	10●	7·9	3·4	79	c. to o. ● showers after 16 h.
21	1004·4	991·2	84·7	84·8	86	81	1·1	0·4	11·9	13·2	86	95	225	4	225	6	10	10	22·1	1·0	80	c. to o. q. ●² showers.
22	985·8	981·4	84·7	83·0	86	82	2·5	0·7	9·8	11·2	72	92	225	6	225	4	2	6	4·6	7·8	81	q., with ● showers after 17 h.
23	989·1	1003·4	82·4	84·1	85	82	0·5	1·3	10·8	11·2	93	84	293	8	315	6	8	8	4·1	2·8	80	⫽ *a.* Frequent ●² showers.
24	1006·1	1004·0	81·2	84·1	87	81	0·7	1·7	9·8	10·5	92	80	225	6	293	2	10●	7	3·1	—	80	● from 8 h. o. q.
25	1008·4	1014·9	83·8	83·3	86	82	1·9	1·7	9·8	9·8	77	80	270	6	270	4	6	8	12·7	8·4	80	Bright and q. ● 15 h.
26	1005·7	1009·5	83·8	81·9	86	81	0·0	0·7	12·9	10·2	100	91	67	2	293	4	10●	2	5·1	2·1	81	● *a.* o. to c. ● 20 h.
27	1010·5	1003·7	83·6	81·9	86	81	1·7	0·7	10·2	10·2	80	92	247	6	270	5	7	2	2·3	6·7	79	Bright and q. ● 14 h. ▲ 20 h.
28	1005·1	1009·5	80·8	80·5	84	79	1·1	1·4	9·1	8·5	86	82	293	4	293	3	3	0	—	9·4	77	Fine; q. at intervals.
29	1008·4	1009·5	80·8	79·1	*n* 83	*n* 77	1·1	0·5	9·1	8·8	86	92	315	1	360	1	8	10	2·8	—	*n* 74	⌓ *a.* c. to o. ●▲ after 14 h.
30	1014·9	1020·6	81·3	79·7	84	78	2·5	1·7	7·4	7·4	*n* 70	77	360	3	337	3	3	3	1·3	9·1	76	Mostly fine. ▲● showers.
Mean	1004·0	1004·6	83·9	83·6	86·6	81·7	1·3	0·9	11·0	11·4	85	89		4·3		3·5	8·0	6·9	244·9	4·17	80·5	
Mean Pressure at Station Level.	993·6	994·2																				

x denotes the maximum and *n* the minimum value in the column.
Temperatures at or below the normal freezing-point of water are printed in small type.

Birmingham (Edgbaston) a.*—September 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 160·0 m.; Barometer, H_b = 165·2 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·5 m. Lat. 52° 28′ N. Long. 1° 54′ W. *Time*, Local mean time, 7 m. after Greenwich.

Day.	Air Pressure at Mean Sea Level. 9 h.	Air Pressure 21 h.	Air Temperature in Degrees Absolute. 9 h.	Air Temp. 21 h.	Max.	Min.	Humidity. Depression of Wet Bulb. 9 h.	Depression 21 h.	Vapour Pressure. 9 h.	Vapour Pressure 21 h.	Percentage. 9 h.	Percentage 21 h.	Wind. Veer from North and Force or Speed. 9 h.	9 h.	21 h.	21 h.	Cloud Amount and Weather. 9 h.	21 h.	Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		a. 200 +	a. 200 +	a. 200 +	a. 200 +	°	°	millibar.		%	%	°	0–12	°	0–12	Tenths of Sky covered.		mm.	hr.	a. 200 +	
1	1005·5	1005·5	84·8	86·4	89	79	3·8	1·1	8·2	13·3	*n* 60	87	315	5	270	4	7	10●⁰	0·5	7·5	76	Beautiful *a.* c. afternoon.
2	1006·6	1011·4	85·4	83·3	89	82	2·3	1·4	10·5	10·4	73	84	293	4	293	3	7≡⁰	6	—	4·4	80	Fair *a.* Intermittent sunshine.
3	1015·1	1015·5	86·7	84·7	92	81	3·1	2·0	10·5	10·4	66	75	293	3	337	2	3	7	14·6	11·4	77	Generally bright. v. *p.*
4	1012·4	1013·2	83·3	82·6	85	82	0·2	0·5	12·1	11·1	97	95	135	3	90	5	10●	10	16·7	—	77	● 1 h. 40 m.–14 h. 40 m.
5	1013·8	1015·2	83·2	84·9	85	82	0·2	0·2	12·1	13·5	97	98	90	5	113	3	10≡⁰	10	10·5	—	81	Dull and damp. ● showers.
6	1016·2	1015·6	88·0	88·2	*x* 94	85	0·7	0·6	15·6	16·0	93	94	113	2	225	2	10≡⁰	6	0·7	2·6	81	Warm and muggy.
7	1012·2	1001·0	86·0	88·2	92	84	0·1	0·8	14·8	15·5	99	91	203	1	225	3	10≡⁰	10	10·9	2·1	80	≡⁰ *a.* ꓘ● 14 h.
8	992·0	997·3	85·8	81·4	89	81	0·5	0·8	13·7	9·8	93	90	225	2	270	4	10●	3	5·3	3·1	79	≡⁰ *a.* ● showers. ▲ 14 h.
9	999·6	987·3	85·4	84·4	89	80	2·7	0·3	10·0	12·9	70	96	270	4	180	4	5	10●	10·5	5·9	77	Bright *a.* o. *p.* ● *n.*
10	990·8	995·7	85·1	82·4	87	81	3·2	1·3	9·1	9·8	65	84	293	5	270	4	6	4	3·0	8·1	79	Bright to c. ● 11 h. ●▲ 18 h.
11	993·6	996·6	84·3	82·0	87	81	2·5	1·1	9·6	9·8	72	87	270	4	270	3	6	1●	9·3	7·2	78	Bright to c. ▲ 11 h. ⌒ 17 h.
12	994·0	1005·4	84·3	83·9	87	81	1·6	1·7	10·8	10·4	81	80	293	3	315	5	4≡⁰	5	0·3	4·7	79	Dull to fine *a.* c. *p.*
13	1013·9	1015·9	84·7	83·8	89	81	2·4	1·0	9·8	11·3	72	88	315	3	247	2	9	10	3·8	6·2	79	c. to sunny. o. after 15 h.
14	1007·4	1012·9	87·0	82·9	93	82	0·4	0·7	15·1	11·1	96	91	203	5	23	3	10●⁰≡⁰	10	4·8	0·6	81	● 3 h.–6 h. Dull and o.
15	1014·0	1008·6	83·9	87·5	90	82	0·2	1·1	12·6	14·4	97	87	45	3	180	4	10●⁰≡⁰	10	0·8	—	82	Dull, with d., and ≡⁰.
16	1004·3	1004·5	88·7	88·3	92	*x* 86	0·8	0·9	16·1	15·5	92	90	180	3	180	4	10≡⁰	10	5·9	0·1	84	Dull, damp, and muggy.
17	1000·0	1004·0	89·4	86·6	92	*x* 86	2·1	0·5	14·3	14·5	78	95	180	4	180	3	6	2	11·3	2·9	84	Bright to c. T 13 h. and 14 h.
18	1007·1	1005·8	87·5	85·9	89	85	1·6	0·5	13·5	13·8	81	93	203	3	180	2	8	10	10·4	3·7	83	⊕ 10 h. Fair to c. ● 12 h.–13 h.
19	1007·7	1012·5	84·6	82·2	87	81	2·2	1·5	10·2	9·3	75	82	225	4	247	5	7	4	0·5	8·6	80	● early to sunny.
20	1017·3	1008·6	83·6	82·3	87	79	2·5	0·9	9·0	10·3	72	88	203	3	180	5	3	10●	6·8	6·2	76	Bright *a.* c. *p.* ●² 21 h.
21	1009·5	1000·1	85·4	86·1	88	81	2·0	1·6	11·0	12·3	78	82	225	4	180	6	6	10	6·4	1·5	79	Mostly dull and o. ● *p.*
22	993·2	987·7	84·2	82·1	87	81	1·6	1·2	10·6	9·8	80	86	180	3	157	4	8	9	0·3	4·2	79	●² early. Fine from 9 h.
23	990·0	1003·8	83·9	81·7	86	80	1·9	1·5	10·0	9·1	77	82	225	4	247	4	5	10	1·5	4·8	77	Bright to o. ●⁰ 11 h.–12 h.
24	1010·9	1007·8	84·8	84·4	86	81	2·5	0·2	9·8	13·0	72	97	247	3	180	4	6	10	0·6	2·5	79	Bright early. o. from 10 h.
25	1011·4	1019·5	84·8	81·2	87	81	2·9	1·4	9·3	8·9	69	83	270	4	225	4	5	1	—	10·0	78	Fine and sunny.
26	1013·8	1012·3	83·7	83·6	86	80	1·1	1·3	11·1	10·7	87	84	180	6	247	3	10≡⁰	7	0·5	—	77	Dull and o. ●⁰ *p.*
27	1014·5	1009·3	83·4	81·7	87	80	2·6	0·3	8·8	10·7	71	97	247	4	225	4	6≡⁰	10●	8·5	7·0	77	Fine to c. ●² from 21 h.
28	1006·9	1012·0	81·8	79·3	85	79	3·0	1·6	7·3	7·4	65	78	293	5	225	3	4≡⁰	1	—	9·6	75	Fine.
29	1010·2	1001·3	80·0	76·7	*n* 81	*n* 76	1·3	0·5	8·2	7·4	82	94	225	2	23	5	10●²	10●	*x* 19·0	—	73	Continuous ● from 12 h.
30	1010·7	1020·4	79·2	77·4	82	77	1·2	1·3	7·9	6·8	83	81	337	4	337	2	10	7	0·9	0·9	*n* 72	⊕ 10 h. ● 13 h.–14 h.
Mean	1006·5	1006·9	84·8	83·6	88·1	81·3	1·8	1·0	11·1	11·3	80	88		3·6		3·6	7·4	7·4	164·3	4·20	78·6	
Mean Pressure at Station Level.	986·8	987·1																				

Cambridge, a.—September 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 12·8 m.; Barometer, H_b = 13·1 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Lat. 52° 12′ N. Long. 0° 8′ E. *Time*, Greenwich mean time.

Day.	Pressure 8 h.	Pressure 20 h.	Temp. 8 h.	Temp. 20 h.	Max.	Min.	Depression 8 h.	Depression 20 h.	Vapour Pressure 8 h.	Vapour Pressure 20 h.	Percentage 8 h.	Percentage 20 h.	Wind 8 h.	8 h.	Wind 20 h.	20 h.	Cloud 8 h.	Cloud 20 h.	Rain 8 h.	Sunshine	Min. Temp. on Grass	Remarks
1	1004·8	1004·8	84·6	86·0	90	80	2·5	2·8	9·8	10·5	72	70	270	4	270	4	1	10	—	9·8	75	Fine and sunny.
2	1006·1	1009·0	86·9	86·6	92	81	2·2	2·9	11·9	10·8	75	*n* 69	225	4	270	3	1	5	—	6·6	77	Sunny intervals.
3	1014·1	1014·8	85·3	87·4	93	81	1·6	2·7	11·5	11·5	81	71	270	3	247	1	1	3	3·4	10·8	75	Beautiful day.
4	1013·9	1012·5	84·3	85·7	87	81	0·1	0·2	13·2	14·2	99	98	225	1	45	3	10●	9	10·7	—	76	o. all day, with ●.
5	1012·9	1014·7	85·5	86·9	89	85	0·0	0·6	14·6	14·6	100	93	45	2	45	2	10●	10	7·4	—	84	o. and ● most of day.
6	1015·3	1015·6	88·8	88·9	*x* 95	85	0·8	0·6	16·3	16·6	92	93	90	1	90	1	9	0	6·5	3·6	82	Fine till 15 h. T 17 h. ● *p.*
7	1013·9	1004·3	87·0	89·1	93	86	0·1	0·8	15·6	16·6	99	91	180	2	180	2	9	1	1·1	1·8	81	Dull early; sunny intervals.
8	994·1	996·1	88·2	82·8	91	83	0·8	0·5	15·6	11·2	92	93	225	4	225	2	10●⁰	8●	3·9	2·8	84	● showers. △ *p.*
9	1001·2	997·5	85·2	86·3	90	80	1·9	1·1	10·8	13·2	78	87	247	4	203	1	0⌓	10●	11·0	6·7	77	Sunny *a.* ● showers *p.* ●² *n.*
10	990·9	994·7	86·4	85·8	90	84	2·4	2·5	11·2	10·5	73	73	225	6	270	5	1	3	0·5	9·8	80	Mostly sunny. T 13 h. < *n.*
11	994·2	996·5	84·1	83·7	89	80	1·1	1·4	11·5	10·8	86	83	225	2	225	2	10	0	4·6	5·9	76	Sun and shower. △ 15 h.
12	995·9	1002·6	83·7	83·6	89	81	1·0	0·3	11·2	12·2	89	97	225	2	270	3	7	7	2·6	3·4	78	Sunny *a.* ꓘ 12 h. ●² showers.
13	1011·7	1015·2	85·7	85·7	90	83	2·0	2·3	11·2	10·8	77	75	270	4	270	3	1⌓	4	1·0	8·3	80	Fine and sunny. ● *n.*
14	1011·7	1009·3	84·8	90·3	92	82	0·1	1·5	13·5	16·6	99	84	225	4	225	4	10●⁰	6	12·0	0·7	77	Mostly o., with ●.
15	1013·5	1010·6	86·3	88·2	94	85	0·0	0·8	15·2	15·6	100	92	45	1	180	2	10●≡⁰	2⋓	1·8	1·7	85	● *a.*; sunny intervals *p.* ⋓
16	1005·8	1006·2	87·7	89·9	94	83	0·8	0·6	14·9	17·9	90	93	225	2	180	2	9⌓	10	26·6	1·5	80	● early. Fine *a.* o. *p.*
17	1002·4	1006·2	90·8	88·3	*x* 95	*x* 89	1·7	0·9	16·6	15·6	82	89	225	4	180	4	6	6⋓	—	6·8	87	●² early; sunny intervals. ⋓⋓
18	1007·9	1007·3	90·2	88·7	94	86	1·8	0·5	15·9	16·6	82	94	225	4	180	1	4⌓	10	11·0	4·6	82	Sunny intervals. ● 21 h.
19	1006·7	1011·6	83·7	84·3	90	84	1·2	1·9	10·8	10·5	86	78	270	4	270	6	10	0⌓	—	7·0	81	Mostly sunny. ⌒
20	1017·3	1012·6	84·4	83·7	88	80	2·2	0·6	9·8	11·9	74	93	247	5	225	2	0⌓	10●	1·9	7·8	76	Fine and sunny. ● *n.*
21	1009·3	1005·8	85·7	87·1	91	82	2·1	1·6	11·2	13·2	75	82	270	5	203	5	1	10	17·3	5·7	80	Sunny till 16 h. ● *n.*
22	994·7	990·0	85·7	84·1	87	84	0·8	0·7	13·2	11·9	92	92	180	3	180	2	10	10	0·3	—	84	●² early. o. all day.
23	990·0	999·2	84·7	84·1	89	81	1·7	1·5	10·8	10·8	80	82	270	5	225	3	0⌓	7	1·0	6·3	80	Bright to c. ● 15 h.
24	1010·3	1009·3	84·1	83·8	89	79	0·5	0·8	12·2	11·5	93	89	270	3	225	3	0⌓	10	1·4	4·9	75	Sunny *a.* to o.
25	1009·5	1017·7	85·2	80·2	90	80	2·4	0·6	10·5	9·1	73	91	315	3	225	1	6	0⌓	—	8·4	82	● early. Beautiful day.
26	1017·7	1010·8	83·8	88·3	89	79	0·9	1·1	11·5	15·2	89	88	225	4	225	5	9⌓⌓	10	—	0·4	75	Mostly o.
27	1013·9	1011·5	83·6	83·6	89	80	1·4	1·7	10·5	10·2	83	80	225	4	225	3	1⌓⌓	1	1·9	8·8	81	Sunny; dull intervals *p.*
28	1005·1	1013·2	82·4	79·3	87	79	1·6	1·3	9·5	7·8	79	82	270	5	225	1	4	0	—	8·9	79	● early. Fine and sunny.
29	1011·5	1000·7	80·8	78·1	*n* 82	*n* 75	0·5	0·0	9·8	8·8	94	100	225	1	45	2	10⌓	10	*x* 39·0	—	*n* 72	o. Continuous ● from 12 h.
30	1004·7	1018·6	78·7	78·4	83	78	0·3	0·8	8·8	7·8	96	88	337	3	225	2	10●	0	1·4	0·2	78	Mostly o.
Mean	1006·7	1007·3	85·3	85·3	90·0	81·7	1·2	1·2	12·3	12·5	86	86		3·3		2·7	5·7	5·7	168·3	4·77	79·3	
Mean Pressure at Station Level.	1005·5	1005·8																				

x denotes the maximum and *n* the minimum value in the column.

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* From July 1918, this station takes the place of Shrewsbury, where the observations have been discontinued.

ARMAGH, a.c.d.—SEPTEMBER 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 59·8 m. ; Barometer, H_b = 61·6 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Cups of Anemometer, h_a = 15·2 m. Lat. 54° 21′ N. Long. 6° 39′ W. *Time*, Local mean time, 25 m. after Greenwich.

Day.	Air Pressure at Mean Sea Level. 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Depression of Wet Bulb. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind. Veer from North and Force or Speed. 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		a. 200 +	a. 200 +	a. 200 +	a. 200 +	°	°	millibar.		%	%	°	m/s.	°	m/s.	Tenths of Sky covered.		mm.	hr.	a. 200 +	
1	1006·4	1007·1	84·7	83·4	87	77	1·6	0·3	11·0	12·1	80	95	286	2	—	1	5	9	0·6	3·3	74	Fine *a.* Sun and showers *p.*
2	1006·4	1012·2	83·4	81·4	89	81	1·1	0·1	10·8	10·8	86	98	—	1	—	0	10	0	2·9	3·3	78	Dull *a.* ●² 11 h. Fine *p.*
3	1015·2	1014·2	85·5	83·1	*x* 91	79	1·4	0·7	12·0	11·3	82	92	—	1	—	1	1	4		9·9	75	Very fine.
4	1012·2	1014·5	82·4	83·6	86	80	0·9	1·0	10·4	11·0	89	86	5	2	50	3	9	2	—	2·9	76	Dull to bright.
5	1015·6	1015·6	83·1	83·3	87	81	1·4	1·2	10·1	10·5	83	84	45	3	—	1	9	3	—	3·6	79	Dull ; bright intervals.
6	1015·6	1013·9	85·0	85·3	89	81	0·7	0·6	12·7	13·2	91	93	—	1	—	1	10	10	—	—	76	o.
7	1008·4	994·6	87·4	85·8	90	*x* 85	0·9	0·1	14·6	14·5	89	98	191	4	195	4	4	10	16·5	1·6	84	Mostly o. ●² shower 6 h. [30 m.
8	987·8	993·9	84·1	80·7	88	80	0·6	0·7	12·2	9·5	93	92	—	1	236	2	10	0	1·2	6·5	81	Fine.
9	993·9	986·4	82·9	83·4	89	79	1·2	0·8	10·4	11·2	86	88	216	4	—	1	2	10	2·4	6·6	77	Fine.
10	987·8	990·8	83·0	80·9	88	79	1·2	0·7	10·4	9·6	85	91	230	3	218	3	3	1	4·8	9·3	78	Very fine. ▲●² 13 h.
11	990·5	993·9	81·8	81·4	87	79	0·8	0·5	10·0	10·3	90	94	216	2	—	1	7	3	6·0	6·4	77	Fine. ▲●² 12 h.
12	996·6	1008·8	83·7	81·8	88	79	0·8	0·4	11·5	10·6	91	95	—	1	—	1	8	4	0·9	3·6	76	Sun and showers.
13	1011·8	1012·8	82·8	82·8	86	79	0·7	0·7	10·8	10·9	90	92	225	3	—	1	9	6	9·6	1·4	77	Mostly o.
14	1006·8	1012·8	80·7	81·3	*n* 83	80	0·1	0·6	10·3	10·0	98	92	36	3	—	1	10	10	5·5	—	79	o. Very wet day.
15	1011·5	1007·1	81·4	81·7	*n* 83	81	0·2	0·0	10·7	11·2	98	100	50	2	43	3	10	10	*x* 25·7	—	80	o. Very wet day.
16	997·6	997·6	83·0	85·7	89	81	0·0	0·3	12·2	14·1	100	97	—	1	191	2	10	1	16·6	2·8	81	☈●² 15 h. 30 m. and 19 h. 30 m.
17	990·5	995·2	86·8	84·4	90	84	0·7	0·8	14·4	12·0	92	89	148	4	220	2	10	3	8·5	2·8	82	● showers. Fine evening.
18	1002·7	1003·7	83·1	81·4	87	80	1·5	1·6	9·9	8·8	81	80	214	5	206	5	0	7	0·4	10·3	77	Very fine.
19	1000·3	1010·5	81·4	80·8	86	80	0·5	0·8	10·2	9·3	93	89	220	4	264	2	10	5	1·6	2·5	77	Mostly o.
20	1012·5	1003·0	80·2	80·8	85	77	0·9	0·1	8·8	10·4	87	98	205	3	183	2	10	1	1·6	0·7	75	Mostly o.
21	1002·4	988·1	83·1	82·9	87	80	0·5	0·8	11·4	10·8	93	89	202	5	206	6	10	4	8·7	—	76	o. ●² shower 17 h. 15 m.
22	980·7	980·3	81·9	81·9	86	80	1·0	0·6	9·8	10·4	86	92	191	9	214	3	6	8	4·7	5·1	77	A few ● showers.
23	991·5	1006·8	83·0	81·8	86	81	1·5	0·4	9·9	10·7	82	95	315	3	—	1	9	8	4·5	4·3	78	Fine. ●² shower 13 h. Lunar [⌒
24	1002·4	1004·0	80·9	82·8	87	80	0·2	1·1	10·4	10·3	97	86	200	8	—	1	10	1	3·2	0·1	77	o.
25	1008·1	1014·5	82·0	81·9	87	80	1·1	1·2	9·8	9·6	87	84	236	2	225	3	0	9	5·1	7·5	77	Fine.
26	1006·1	1010·1	81·8	80·1	87	80	0·0	0·7	11·2	9·1	100	91	—	1	228	2	10	0	0·6	3·5	80	Fine to showery.
27	1009·5	1002·7	80·8	80·1	85	78	0·7	1·4	9·4	8·1	90	81	218	4	218	4	7	0	2·8	5·8	76	Fine.
28	1005·4	1010·5	80·1	77·6	84	77	1·4	0·7	8·2	7·5	82	90	245	2	259	2	1	0	2·8	8·6	74	▲● shower 11 h. 30 m. Fine.
29	1008·1	1008·8	78·4	77·3	*n* 83	76	0·5	0·8	8·3	7·3	93	88	—	1	—	1	9	1	1·2	1·7	73	Mostly o.
30	1017·3	1023·0	82·2	77·0	84	*n* 75	1·7	0·6	9·1	7·4	*n* 79	91	352	2	—	1	1	3	—	7·0	*n* 71	Very fine.
Mean	1003·4	1004·6	82·7	81·9	86·8	79·5	0·9	0·7	10·7	10·5	89	91		2·9		2·0	7·0	4·4	138·4	4·03	77·3	
Mean Pressure at Station Level.	996·0	997·1																				

DUBLIN (PHŒNIX PARK), a.c.—SEPTEMBER 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 47·3 m. ; Barometer, H_b = 48·5 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Lat. 53° 22′ N. Long. 6° 21′ W. *Time*, Local mean time, 25 m. after Greenwich.

													°	0–12	°	0–12						
1	1008·8	1008·8	85·6	83·2	89	77	2·7	1·0	10·2	10·8	71	88	315	6	270	3	4	3	1·0	7·1	74	Sunny to c.
2	1008·1	1012·5	86·6	82·7	89	81	2·4	1·0	11·5	10·5	74	89	270	6	—	0	6	2	—	6·6	76	Sunny to c.
3	1016·6	1013·9	85·0	81·7	90	78	1·6	0·4	11·5	11·2	81	96	225	3	—	0	1	10	13·8	9·9	75	Fine and sunny.
4	1010·1	1012·5	83·7	84·4	86	81	0·7	0·5	11·9	12·5	92	94	135	4	45	6	10●	10●	5·6	—	75	●² *a.* o., with ●.
5	1013·2	1013·9	84·1	85·5	86	82	0·3	0·8	12·9	12·9	97	91	45	3	225	2	10●	10	0·2	—	75	●⁰ *a.* o.
6	1014·5	1013·2	86·8	86·4	89	81	0·7	0·1	14·6	14·9	92	98	225	3	—	0	10	10	0·1	—	75	o. ●⁰ *p.*
7	1008·4	996·3	88·4	88·1	92	80	0·9	1·3	15·6	14·6	91	86	135	2	225	5	5	10	2·8	2·5	76	c. ●⁰ *p.*
8	989·5	993·5	84·3	84·7	89	84	0·5	1·0	12·5	11·9	93	87	225	6	225	3	10	6	3·7	4·2	81	● *a.* and *p.*
9	995·9	987·5	85·8	84·1	89	80	2·0	0·3	11·5	12·9	78	98	225	5	225	3	5	10●	4·2	5·8	76	c. to o. ● *p.*
10	990·2	992·9	84·7	81·7	87	80	2·1	0·9	10·5	9·8	75	89	225	5	225	2	2	2	0·3	10·5	76	Fine and sunny.
11	992·5	994·6	84·6	81·2	89	79	0·5	0·5	12·5	10·2	93	93	225	4	225	3	6	7	1·1	9·8	75	●² 3 h. Bright. ●² showers *p.*
12	*999·3*	1010·8	83·4	81·9	89	79	0·6	0·7	11·5	10·2	92	90	225	5	225	3	10	8	1·9	4·7	76	●² showers *p.*
13	1013·5	1012·8	86·3	83·5	89	79	1·8	0·6	12·2	11·9	80	93	225	3	225	2	6	10	12·3	5·3	76	c. to o. ●² *p.*
14	1004·7	*1010·5*	85·1	84·6	86	82	0·6	0·4	12·9	12·9	92	95	270	3	45	4	10●	10●	6·1	—	80	o., with ● *a.* and *p.*
15	1008·4	1002·0	85·7	87·9	90	83	0·2	0·5	14·2	15·9	98	95	45	2	—	0	10●	10●	*x* 28·7	—	81	o., with ●² *a.* and *p.*
16	997·9	998·6	91·2	86·1	*x* 93	*x* 86	1·4	1·4	17·9	12·5	86	83	225	3	135	1	4	8	4·1	8·3	83	●² *a.*
17	991·5	997·9	87·7	84·1	91	84	0·8	0·3	15·2	12·5	91	96	225	3	315	4	8	4	1·0	5·0	81	●² showers *a.* Bright to c.
18	1004·7	1005·7	85·1	80·1	89	80	2·7	0·6	9·8	9·1	70	93	225	5	—	0	0	3	—	10·3	76	Bright. o. *n.*
19	1004·4	*1011·2*	83·5	81·2	87	80	2·2	0·9	9·5	9·5	74	89	225	6	—	0	10	2	1·4	4·2	75	● showers.
20	1014·2	*1004·4*	81·7	80·1	86	77	1·4	1·5	9·1	8·1	82	81	225	1	225	2	10	4	1·3	2·3	72	● *a.* o. to c.
21	1003·7	991·2	84·7	81·6	87	77	1·6	0·8	10·8	9·8	80	89	225	6	225	8	10	10	11·0	—	74	o., with ● *a.* and *p.*
22	984·4	*983·0*	84·8	79·9	88	77	2·9	0·7	9·5	8·8	*n* 68	89	225	5	225	5	5	6	2·2	6·4	77	Bright to c. ● showers *p.*
23	994·2	1008·1	83·4	81·6	*n* 85	78	2·2	0·9	9·5	9·8	75	88	225	6	225	3	8	9	2·3	4·2	77	c. ●⁰ showers *p.*
24	1005·4	1005·4	82·5	85·2	89	80	0·6	1·2	10·8	12·2	93	85	225	3	225	4	10	8	0·2	0·2	77	d. *a.* and *p.*
25	1011·5	1016·6	84·7	82·8	88	81	2·4	1·0	10·2	10·5	73	88	225	5	225	3	2	9	8·5	9·7	77	Bright to c. d. *p.*
26	1005·1	*1012·2*	87·5	83·2	88	81	0·3	1·0	15·9	10·8	96	88	225	6	225	3	10●	5	0·6	2·8	79	●² *a.* o., with d., *a.* and *p.*
27	1011·8	1005·1	83·9	81·1	86	79	2·0	1·3	9·8	8·8	77	83	225	5	225	3	3	2●	7·9	7·0	75	●² showers *a.* and *p.*
28	1008·4	1011·5	81·9	78·8	*n* 85	76	2·2	0·9	8·1	8·1	73	88	225	5	225	2	3	2	0·2	7·5	74	● showers *a.* and *p.*
29	1008·8	*1007·4*	79·0	77·3	86	*n* 75	0·7	0·5	8·5	7·8	91	93	—	0	—	0	10	3	1·3	—	*n* 70	o. ● showers *p.*
30	1017·3	1024·4	81·6	76·5	*n* 85	*n* 75	1·7	0·8	8·8	6·8	80	87	225	4	225	2	6	3	0·6	7·8	71	c. ● showers *p.*
Mean	1004·6	1005·3	84·8	82·7	88·0	79·8	1·4	0·8	11·6	10·9	84	90		4·1		2·5	6·8	6·5	124·4	4·73	76·2	
Mean Pressure at Station Level.	998·7	999·4																				

x denotes the maximum and *n* the minimum value in the column.

METEOROLOGICAL OFFICE, LONDON,
November 23rd, 1918.

[*Price Sixpence.*

DAILY READINGS AT METEOROLOGICAL STATIONS OF THE FIRST AND SECOND ORDERS, 1918.

DEERNESS, ORKNEY, a.b.c.—OCTOBER 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 48·8 m. ; Barometer, H_b = 49·7 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 1·2 m. Cups of Anemometer, h_a = 4·9 m. Lat. 58° 56′ N. Long. 2° 45′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level. 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Depression of Wet Bulb. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind. Veer from North and Force or Speed. 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		a. 200 +	a. 200 +	a. 200 +	a. 200 +	°	°	millibar.		%	%	°	m/s.	°	m/s.	Tenths of Sky covered.		mm.	hr.	a. 200 +	
1	1015·2	1011·2	80·3	81·8	82	*n* 76	1·9	0·3	7·5	10·8	75	96	315	4	191	5	1	10	13·9	3·1	No record.	Fair *a.* d. 15 h.–19 h.
2	1004·7	1005·7	83·9	82·9	85	81	1·1	0·2	11·2	11·9	86	98	225	8	214	2	10	10	2·3	—		●² overnight. d. 12 h.–17 h.
3	995·6	1000·3	84·9	82·2	*x* 86	*x* 82	0·6	0·8	12·9	10·4	93	90	191	7	191	3	10	8	—	0·8		● overnight. Fair *p.*
4	1003·7	1006·4	81·1	81·2	84	80	1·1	1·9	9·1	8·1	86	76	281	4	180	8	4	9	1·0	4·4		Fair to fine.
5	991·2	990·8	83·3	83·0	84	81	1·7	1·3	9·9	10·2	80	84	180	9	157	10	2	10	2·0	4·9		Bright. ● *n.*
6	974·2	986·1	83·3	82·5	85	*x* 82	2·2	2·7	9·2	8·1	74	*n* 68	169	15	225	14	7	8	1·3	2·8		c. q. ⚡ 14 h.
7	980·7	977·6	80·1	79·4	84	79	0·7	0·9	9·1	8·4	91	87	169	13	214	8	10●	2	*x* 19·7	2·0		● showers after 9 h.
8	987·8	999·0	81·2	81·7	84	79	0·3	0·6	10·4	10·4	95	93	247	7	270	7	6	9●⁰	9·1	2·2		●² *n.* ●² showers all day.
9	1001·0	987·8	81·9	83·7	84	80	1·3	0·4	9·5	12·2	84	95	180	7	169	11	10	8	3·9	—		o. ● 15 h.–18 h.
10	995·2	997·9	83·6	83·3	*x* 86	*x* 82	1·3	1·7	10·6	9·9	84	80	203	6	203	9	6	9	0·4	2·7		Fair. ● showers *n.*
11	1010·8	1012·8	81·7	79·0	84	79	0·6	1·1	10·4	7·9	93	85	259	4	247	2	3	1	0·4	5·3		● showers early, then very fine. [♕
12	1014·5	1016·6	80·6	78·0	82	77	1·1	0·2	8·8	8·4	85	97	247	2	293	3	5	1	—	6·8		● showers early, then fine.
13	1017·3	1007·4	79·4	80·7	82	77	0·8	2·2	8·6	7·5	89	73	—	0	146	10	1	10	—	7·1		⌓². Very fine.
14	1002·0	999·0	82·0	82·8	84	80	0·8	0·7	10·3	10·9	91	92	157	11	157	7	10	1	—	1·1		Dull, but fair.
15	1001·3	1005·4	83·2	82·2	85	*x* 82	1·0	0·6	10·8	10·8	88	93	180	6	225	4	8	8	0·8	4·0		Fine all day. ♕
16	1007·4	1006·1	81·7	80·0	82	79	0·3	0·6	10·7	9·2	96	93	270	5	293	2	9	10	—	4·4		●⁰ early, then fine. ♕ [20 h.
17	1009·5	1015·9	81·7	82·2	82	79	0·7	0·4	10·2	10·9	92	95	349	10	23	11	8	10	3·5	0·1		● showers till 17 h., then ● till
18	1024·0	1025·0	82·1	81·7	83	81	0·3	0·0	11·0	11·2	96	100	45	7	45	7	10	10	0·5	—		● overnight. d. all *p.*
19	1027·7	1029·4	82·3	81·2	83	81	0·2	0·1	11·4	10·7	98	98	45	6	45	5	10	10	—	—		Dull all day.
20	1031·5	1031·8	80·6	80·3	*n* 81	80	1·2	0·7	8·7	9·1	84	90	11	4	360	5	10	10	0·5	—		Dull, but fair.
21	1030·1	1023·3	80·1	80·4	82	78	0·1	1·3	9·9	8·5	99	84	—	0	135	5	8●⁰	10	—	—		d. early. Dull. ∞
22	1014·9	1014·9	80·6	80·6	*n* 81	80	1·0	1·0	9·0	9·0	87	87	—	0	259	3	10●	10	4·5	—		●⁰ *a.* ● 12 h.–14 h. Dull.
23	1019·3	1019·6	79·4	80·0	82	79	1·0	0·4	8·3	9·3	86	94	293	4	281	4	2	8	3·6	1·7		● showers ; mostly fair.
24	1011·8	999·0	80·0	79·4	*n* 81	79	0·6	1·1	9·2	8·1	93	85	225	8	270	11	10●⁰	6	7·7	—		g. ● 16 h.–20 h.
25	1004·4	1012·8	80·4	78·8	82	79	1·0	1·1	8·9	7·7	87	85	315	11	360	5	8	3	—	0·5		●² showers overnight. c.
26	1011·8	1007·8	80·0	80·6	*n* 81	*n* 76	2·2	1·0	7·1	9·0	72	87	101	3	191	5	6	10	2·6	1·2		⊔. Fine day. d. 21 h.
27	1011·2	1012·5	79·9	80·9	82	79	0·8	1·4	8·8	8·7	89	82	—	0	180	5	1	4	1·2	6·8		Very fine all day.
28	1005·7	1013·5	83·4	81·6	85	81	0·7	1·6	11·5	8·9	91	81	180	11	247	7	10	10	2·6	—		o. ● 15 h.–18 h.
29	1019·6	1021·3	79·4	81·2	82	79	1·4	1·4	7·8	8·8	81	82	236	3	180	4	3	10	1·2	3·7		Mock sun 9 h. Very fine.
30	1009·5	997·3	83·3	83·3	84	80	0·9	1·7	11·0	9·9	89	80	169	12	146	17	8	8	0·7	—		o. ●⁰ 16 h. ⚡ 23 h.
31	999·0	999·6	82·9	80·6	84	80	1·3	1·7	10·2	8·1	85	79	180	4	247	5	1	10	0·7	4·2		Fine. ●⁰ 21 h.
Mean	1007·5	1007·5	81·6	81·2	83·2	79·6	1·0	1·0	9·7	9·5	88	87		6·2		6·6	6·7	7·8	84·1	2·25		
Mean Pressure at Station Level.	1001·4	1001·4																				

ABERDEEN, a.c.e.—OCTOBER 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 14·0 m. ; Barometer, H_b = 26·8 m. Heights above Ground :—Therms., h_t = 12·5 m. Rain-gauge, h_r = 0·61 m. Cups of Anemometer, h_a = 21·9 m. Lat. 57° 10′ N. Long. 2° 6′ W. *Time*, Greenwich mean time.

																			0 h. to 24 h.			
1	1016·8	1015·1	80·1	81·9	83	76	2·0	1·4	7·5	9·3	74	82	270	5	195	2	4	10	—	5·9	70	Fine to dull. ⊔∞⁰●⁰.
2	1009·6	1007·8	83·4	84·6	87	82	0·8	1·0	11·3	11·9	90	88	210	3	195	4	10≡⁰	10≡⁰	7·5	0·6	80	Dull, with ≡⁰ and occasional ●.
3	999·7	1001·2	86·3	85·4	87	*x* 84	1·4	0·7	12·7	13·0	84	91	210	7	210	2	10≡⁰	10	2·7	—	83	Dull, with ≡⁰ and occasional ●.
4	1005·9	1010·5	81·5	79·8	85	80	1·2	1·6	9·3	7·7	84	78	285	4	195	3	10●≡⁰	5	4·3	4·4	80	Dull, with ●⁰ to fine.
5	996·9	995·7	82·6	84·0	85	81	2·5	0·8	8·3	11·7	70	90	210	6	195	4	0	10	*x* 8·3	3·1	72	Dull and q., with ● to fair.
6	983·1	995·7	84·3	81·1	86	81	3·3	2·2	8·5	7·8	*n* 64	72	210	10	210	6	5	10	0·1	5·2	81	Fair to dull, and q. ⚡ 11 h.
7	986·7	985·9	81·5	80·0	84	79	1·8	2·1	8·5	7·3	77	73	195	7	210	7	9	1	6·0	4·4	76	Dull to fine. ●⁰T▲
8	994·9	1003·5	81·6	81·8	85	79	2·6	2·3	7·7	8·1	69	72	225	7	240	4	7	2	—	0·9	76	c. to fine. ♕ *n.*
9	1004·8	994·5	80·7	85·7	*x* 88	80	1·0	0·3	9·0	14·0	86	96	180	4	195	5	10●≡⁰	10	6·0	—	74	Dull and q. ≡⁰●⁰.
10	999·1	1003·2	86·3	84·1	*x* 88	82	1·3	1·8	12·9	10·3	85	78	195	4	195	5	8≡⁰	4	1·2	2·7	84	Dull to fair. q. ●⁰≡⁰.
11	1012·7	1013·6	82·2	80·5	85	79	2·1	1·1	8·5	8·8	74	85	255	2	285	3	0	8	—	8·5	72	Fine to c. ∞⁰.
12	1015·6	1017·5	78·4	77·7	*n* 82	76	1·4	1·4	7·1	6·8	80	80	300	3	300	2	1	1	—	3·4	73	Fair to very fine. ⊕ *a.*
13	1018·6	1013·1	78·2	80·4	*n* 82	*n* 75	1·6	2·4	6·9	7·2	78	70	285	2	195	3	1	8	0·3	8·1	*n* 68	Fine and ⊔ to dull. ⊕ *p.*
14	1005·4	1002·3	81·7	82·6	84	80	0·6	1·5	10·3	9·6	92	81	165	5	210	6	10≡⁰	0	0·4	1·5	77	Dull to fine. ●⁰≡⁰ and g. *a.*
15	1005·0	1007·0	82·3	82·8	86	81	1·4	1·4	9·6	9·9	82	82	210	3	255	2	4∞	8	—	6·7	77	Fine to c. ∞⁰.
16	1007·9	1006·8	82·2	79·6	84	78	1·8	1·2	8·9	8·1	77	83	300	7	300	6	0	8	—	6·6	72	Fine and ∞⁰ to c.
17	1007·1	1010·6	81·6	82·8	83	79	1·1	0·4	9·5	11·3	85	94	315	6	360	5	9	10●	5·1	—	75	Fair to dull. ● *p.* and *n.*
18	1020·3	1021·9	83·5	83·3	85	83	0·9	0·2	11·1	12·0	88	97	45	6	60	7	10	10●	4·9	—	81	Dull ; occasional ●.
19	1024·5	1027·8	84·2	83·6	84	83	0·7	0·6	12·0	11·7	91	92	60	8	15	3	10	10	1·3	—	82	Dull. ●⁰≡⁰ *a.*
20	1030·6	1031·9	81·1	80·1	83	80	0·7	0·7	9·8	9·1	91	90	345	3	315	2	10●⁰	10	—	—	81	Dull, with d.
21	1029·9	1023·0	80·9	81·1	*n* 82	80	0·5	1·1	9·8	9·2	93	85	300	2	90	3	10≡⁰	10●⁰	1·5	—	79	Dull. ●⁰≡⁰.
22	1015·2	1017·2	80·4	80·3	*n* 82	79	0·9	1·1	9·0	8·7	88	85	—	1	—	1	9≡⁰	6	0·2	—	77	Dull to fair. ≡⁰●⁰ *a.*
23	1021·0	1021·9	79·8	79·0	83	76	1·3	1·6	8·1	7·2	82	78	270	3	—	1	8	5	—	5·1	70	c. to fine.
24	1016·3	1004·5	79·3	81·1	*n* 82	*n* 75	1·8	1·4	7·3	8·8	76	82	240	2	210	5	10∞	6	0·5	0·2	70	Dull to fair. ≡⁰●⁰ *a.*
25	1006·9	1012·6	81·0	78·6	*n* 82	78	2·2	1·0	7·7	7·8	72	86	285	6	315	4	6	0	—	6·7	74	Fair to fine. q.
26	1013·8	1010·8	77·3	80·2	*n* 82	76	0·7	1·6	7·4	8·0	89	79	—	1	210	2	0∞	10	—	4·6	71	Fine to dull. ∞⁰.
27	1011·5	1014·5	81·2	81·6	83	79	0·7	0·9	9·8	9·8	91	88	300	3	165	2	10	5≡⁰	0·5	0·1	76	Dull to fine. ≡⁰●⁰ *n.*
28	1011·7	1015·1	83·5	85·6	86	80	0·7	1·2	11·5	12·5	91	86	180	4	225	5	10≡⁰	10	3·9	—	75	Dull. ● *a.* ≡⁰ and g. *p.*
29	1021·3	1022·2	81·9	82·7	84	82	1·1	0·8	9·6	10·7	85	89	300	2	135	2	10	10●⁰	0·7	—	80	Dull, with occasional ●⁰.
30	1013·3	1002·0	84·3	84·0	85	83	1·0	1·8	11·5	10·2	87	78	165	6	165	7	7≡⁰	10≡⁰	0·4	1·0	81	Dull, with ≡⁰ to c., and q. ●⁰ *n.*
31	1001·9	1001·4	81·7	83·0	84	81	1·6	1·0	8·8	10·6	79	87	210	5	180	3	0∞	10●	2·3	3·0	79	Fine to dull. ●⁰ *n.*
Mean	1009·9	1010·0	81·8	81·9	84·2	79·5	1·4	1·2	9·4	9·6	82	84		4·4		3·7	6·7	7·3	58·1	2·68	76·3	
Mean Pressure at Station Level.	1006·6	1006·8																				

Corresponding Normal Values are referred to thus:—**a.** Appendix IV., "Weekly Weather Report," 1913; **b.** Appendix I., "Meteorological Observations at Stations of the Second Order," 1891; **c.** "Temperature Tables of the British Islands," 1871–1900; **d.** "Rainfall Tables of the British Islands," Part I., 1866–1880. Part II., 1881–1890; **e.** "Hourly Values," *Geophysical Section*, 1912.

Wt. 15559/478—250—12/18.—N. & Co., Ltd. **Gp. XV.**

Fort William, Inverness-shire, a.c.—October 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 52·1 m. ; Barometer, H_b = 11·6 m. Heights above Ground :—Therms., h_t = 1·2 m.
Rain-gauge, h_r = 0·30 m. Lat. 56° 49′ N. Long. 5° 7′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level. 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Depression of Wet Bulb. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind. Veer from North and Force or Speed. 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		a. 200 +	a. 200 +	a. 200 +	a. 200 +	°	°	millibar.		%	%	°	0–12	°	0–12	Tenths of Sky covered.		mm.	hr.	a. 200 +	
1	1018·6	1014·9	81·2	82·9	84	78	1·8	1·0	8·3	10·6	78	87	—	0	270	3	10	10●	9·4	No record.	No record.	Fair. ●⁰ showers after 19 h.
2	1010·8	1006·4	83·2	85·0	85	x 82	0·3	0·3	12·0	13·3	97	96	225	4	225	3	10●	10●	19·3			●≡⁰ all day.
3	999·6	1002·0	85·8	81·3	86	81	0·7	0·6	13·4	10·1	91	93	225	4	225	2	10	7	10·2			Dull, but fair till 12 h., then ●.
4	1007·8	1006·4	79·7	82·4	83	78	0·7	2·4	8·8	8·4	90	71	270	1	225	5	7	10●	22·9			Dull. Showery. q. ●² after
5	999·0	990·5	82·5	84·7	85	80	2·7	0·7	8·1	12·5	n 68	92	225	5	225	4	10●⁰	10●	23·1			Unsettled. q. ● [22 h.
6	979·3	995·9	82·3	82·1	86	80	0·8	2·4	10·5	8·1	90	71	225	8	225	5	10●↗	3	18·8			↗ all day. ●▲ showers. Ʀ
7	979·0	988·8	80·4	79·1	82	78	0·9	0·6	8·9	8·7	88	92	270	5	225	5	10●	10●	26·2			Blustering, with ●². [15½ h.
8	995·2	1005·4	80·2	81·8	85	78	0·6	1·0	9·3	9·8	92	87	225	3	225	2	10●	8Ш	8·9			Dull and showery. Ш n.
9	998·3	993·9	83·3	86·2	86	79	2·2	0·9	9·2	13·4	74	89	225	4	225	5	10●	10●	x 73·4			● all day. q. at times.
10	997·9	1003·0	84·2	82·6	86	x 82	2·3	1·2	9·7	10·1	73	85	225	5	270	3	10	10●	9·4			Fair till 13 h., then ●².
11	1012·5	1014·5	83·0	77·8	85	77	1·3	1·0	10·3	7·3	84	86	225	1	—	0	1	1	1·3			Alternate sun and shower.
12	1016·9	1017·9	74·1	75·9	83	73	0·4	0·8	6·2	6·5	92	87	—	0	—	0	6⌴	1	—			Fair to fine. Sunny intervals.
13	1017·9	1006·4	73·6	81·9	82	n 71	1·1	2·4	4·9	8·0	78	71	—	0	270	1	1⌴	10	2·8			Fine sunny day. ●⁰ evening.
14	1002·0	1001·0	83·0	81·9	84	x 82	0·6	1·1	11·3	9·7	93	86	225	3	225	3	8●⁰	6	6·6			Dull and showery.
15	1003·4	1008·1	82·4	81·2	84	81	0·6	0·6	10·9	9·9	93	92	270	3	225	2	10●	6	3·6			Dull and showery.
16	1009·8	1009·8	81·3	77·2	83	77	0·9	0·8	9·6	7·2	89	88	225	1	—	0	5	4	1·0			Generally fair. Sunny periods.
17	1011·2	1015·6	81·2	81·1	84	77	1·0	2·2	9·3	7·8	87	73	—	0	45	5	7●⁰	10	1·0			Generally fair. Sunny periods.
18	1019·3	1021·3	84·1	83·4	84	80	1·7	1·9	10·5	9·7	80	77	45	3	45	5	8	8	—			Fine and sunny. [●⁰.
19	1023·0	1026·1	83·7	84·4	x 87	x 82	0·7	1·4	11·7	11·1	92	83	45	3	45	2	10	10	0·5			Fine generally. ●⁰ showers.
20	1030·5	1031·8	83·0	79·1	86	79	0·7	1·7	11·1	7·3	92	78	45	3	45	2	10	1	—			Bright and sunny.
21	1029·1	1021·7	78·9	80·2	82	75	0·9	1·4	8·0	8·1	86	81	—	0	—	0	10	10	—			Fine. Sunny intervals.
22	1014·5	1017·3	79·1	79·1	n 81	78	0·6	0·6	8·7	8·7	92	92	—	0	225	1	10	10	0·8			Dull. ●⁰ showers evening.
23	1022·3	1023·0	81·3	79·3	83	78	0·5	1·3	10·1	7·8	94	82	—	0	225	2	10	10	0·3			Generally fine. ●⁰ showers.
24	1016·9	1006·1	80·2	82·4	82	79	0·7	0·5	9·1	10·9	90	94	225	3	225	3	10●⁰	10●	7·9			o. ●⁰. Hill ≡:.
25	1010·1	1013·5	80·8	79·6	83	77	2·2	1·0	7·6	8·3	73	86	270	1	45	2	10	10	—			Fair to fine and sunny.
26	1012·5	1010·5	74·9	81·9	82	74	0·2	0·6	6·8	10·4	96	92	—	0	225	1	4	10●⁰	2·0			Dull, but fair generally. ●⁰.
27	1012·8	1012·8	79·7	80·9	84	79	1·0	1·8	8·4	8·2	86	78	—	0	225	2	7	8●⁰	6·9			Fine and sunny. [showers 22h.
28	1009·8	1016·2	84·5	81·3	86	80	0·8	0·6	12·1	10·1	89	93	225	3	225	1	10●⁰	10●⁰	5·1			Dull and showery.
29	1021·7	1018·6	80·2	80·2	83	79	0·6	0·6	9·3	9·3	92	92	270	1	—	0	10	10●	3·0			Generally fair to fine. ● n.
30	1007·4	995·9	85·8	85·1	x 87	80	0·6	0·9	13·6	12·3	93	88	225	4	225	4	10	10●	11·7			Dull. ● q. p.
31	997·6	1001·7	85·2	78·0	86	77	0·6	1·1	13·2	7·3	93	84	225	5	225	1	10	1	11·9			Showery most of day.
Mean	1009·2	1009·6	81·4	81·3	84·2	78·4	1·0	1·1	9·7	9·4	87	85		2·4		2·4	8·5	7·9	288·0			
Mean Pressure at Station Level.	1007·8	1008·2																				

Douglas, Isle of Man, a.—October 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 84·5 m. ; Barometer, H_b = 86·6 m. Heights above Ground :—Therms., h_t = 1·2 m.
Rain-gauge, h_r = 0·30 m. Lat. 54° 10′ N. Long. 4° 28′ W. *Time*, Local mean time, 20 m. after Greenwich.

1	1022·0	1021·3	82·4	83·4	84	79	1·6	1·0	9·5	11·2	79	87	293	3	270	3	8	10	1·8	3·1	76	Bright intervals a. ● showers [p.
2	1018·6	1013·9	83·6	85·1	85	82	0·6	0·7	11·9	12·9	93	91	247	2	225	5	10●	10	14·2	—	81	o. d.
3	1008·4	1007·8	84·7	82·4	85	82	0·3	0·5	13·2	10·8	97	93	203	6	315	1	10●	10●	x 26·7	—	82	o. q. and continuous ●.
4	1013·9	1015·2	81·9	83·6	84	80	1·7	2·3	8·8	9·5	79	74	270	6	180	6	4	10	8·9	10·1	79	Sunny day. q.
5	1007·4	1001·0	83·6	84·7	x 86	82	0·9	0·3	11·5	13·2	90	97	247	4	203	8	10●	10●	8·9	—	77	o. q., with ↗●.
6	999·0	1008·4	84·1	81·9	x 86	79	2·6	2·2	9·1	8·1	71	73	270	10	270	8	8	0	10·2	7·4	81	Sunny, with ↗.
7	995·2	1001·7	83·0	80·2	85	77	2·8	2·2	8·5	7·1	n68	72	247	10	270	10	8	0	1·0	3·1	78	Ʀ● 5 h. Bright intervals. ↗
8	1007·4	1012·8	81·6	80·8	84	80	1·9	1·3	8·5	8·8	76	84	270	8	270	2	7	0	21·8	3·8	77	↗ a. Bright intervals.
9	1003·7	1005·1	84·9	85·8	x 86	80	0·2	0·3	13·5	14·2	96	97	225	3	203	2	10●	10	6·6	—	77	Continuous ● till 14 h.
10	1006·8	1010·8	85·8	83·0	x 86	82	0·0	0·9	14·6	10·8	100	88	203	5	247	2	10	8	3·1	—	85	o. q., with ● showers.
11	1014·9	1014·2	83·6	80·8	x 86	79	1·2	0·7	10·8	9·5	86	92	270	1	315	1	3	3⌓	—	8·1	76	⌓ a. and p. Very fine.
12	1016·2	1018·9	81·9	78·8	84	79	2·5	1·4	7·8	7·4	70	81	360	2	360	1	4	0	—	8·5	77	⌓ a. and p. Very fine.
13	1018·9	1011·8	80·8	81·9	84	76	2·1	0·6	7·8	10·5	75	93	315	1	180	4	6	10●	8·6	5·0	n 72	⌓ a. Fine till 16 h. ● after
14	1007·1	1008·4	83·8	82·4	x 86	82	0·8	1·1	11·5	10·2	89	86	270	2	270	2	7	8	0·3	2·0	80	Bright intervals. ● 18h. [20h.
15	1008·8	1011·2	84·1	81·8	x 86	80	2·0	1·0	9·8	9·8	76	87	270	2	293	2	6	8	2·8	5·0	78	Very fine to c.
16	1010·5	1009·5	81·3	80·1	84	80	0·5	2·1	10·2	7·4	93	73	315	3	337	3	8●	0	3·3	4·3	79	●² showers a. Fine afternoon.
17	1010·5	1013·5	82·4	82·4	85	79	1·6	1·6	9·5	9·5	79	79	360	4	360	4	8	8	1·8	5·4	76	c. q. ; bright intervals. ●⁰ 15 h.
18	1012·5	1017·9	83·6	83·0	84	80	0·9	1·0	11·5	10·5	90	87	45	5	113	2	10	8	0·8	—	79	T● 7 h. ● showers. o. q.
19	1020·6	1023·7	81·9	79·9	84	79	1·0	1·1	9·8	8·5	88	85	67	1	360	1	10	3⌓	0·3	0·1	78	o. c. Clear n.
20	1027·4	1029·1	85·2	81·1	x 86	80	1·6	1·4	11·2	8·8	80	82	45	4	45	2	3	7	—	4·0	76	d. early. Fine to q. c.
21	1026·7	1020·3	81·3	80·8	n 82	79	1·4	1·1	8·8	9·1	83	86	45	1	360	1	10	10	—	—	76	o. and mild.
22	1016·2	1019·3	81·6	76·6	84	76	0·9	1·4	9·8	6·4	88	80	315	1	337	1	8	0⌴	—	1·4	79	⌓ a. and p. c. till 18 h.
23	1023·7	1024·4	82·4	81·6	85	n 75	1·5	0·9	9·5	9·8	80	88	337	1	315	2	3	4⌓	0·3	8·2	n 72	⌓ a. and p. Very fine.
24	1021·7	1014·9	82·4	81·8	84	78	2·2	1·0	8·8	9·8	73	87	270	2	270	3	7	4	1·3	1·6	75	c. a. to o. Occasional d.
25	1011·8	1013·5	81·9	80·2	84	80	1·7	1·6	8·8	7·8	79	78	315	2	23	1	7	6	—	4·8	80	d. early. Fine.
26	1014·5	1013·2	81·4	84·1	84	78	1·7	0·1	8·5	12·9	78	99	—	0	225	1	8	10	2·0	—	75	c. to o. ● showers after 20 h.
27	1014·9	1016·6	84·4	83·0	85	82	0·3	0·0	12·9	12·2	96	100	270	2	180	1	10	10	0·5	0·2	81	o. c., with occasional d.
28	1017·9	1020·3	85·2	84·7	x 86	83	0·5	0·5	13·2	12·9	93	94	203	3	225	3	8	10	—	0·3	82	d. early. c. o.
29	1023·3	1021·3	84·7	84·1	x 86	x 84	0·5	0·5	12·9	12·2	94	93	225	2	180	2	10	10	2·3	—	84	o. ● showers after 18 h.
30	1011·5	1002·7	83·8	84·7	x 86	x 84	1·4	0·0	10·8	13·5	83	100	157	3	203	4	10	10●	1·8	0·5	82	o. c. ● showers after 16 h.
31	1006·1	1002·7	84·1	81·3	85	80	1·7	0·5	10·5	10·2	80	93	203	5	337	2	7	10	10·4	1·4	78	c. q. to o. ● showers after 16h.
Mean	1013·5	1013·7	83·2	82·1	84·8	79·9	1·3	1·0	10·5	10·2	84	87		3·4		2·9	7·7	6·7	139·7	2·84	78·3	
Mean Pressure at Station Level.	1003·0	1003·1																				

x denotes the maximum and *n* the minimum value in the column.
Temperatures at or below the normal freezing-point of water are printed in small type.

Birmingham (Edgbaston) a.*—October 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 160·0 m. ; Barometer, H_b = 165·2 m. Heights above Ground :—Therms., h_t = 1·2 m.
Rain-gauge, h_r = 0·5 m. Lat. 52° 28′ N. Long. 1° 54′ W. *Time*, Local mean time, 7 m. after Greenwich.

Day.	Air Pressure at Mean Sea Level. 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Depression of Wet Bulb. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind. Veer from North and Force or Speed. 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		a. 200 +	a. 200 +	a. 200 +	a. 200 +	°	°	millibar.		%	%	°	0–12	°	0–12	Tenths of Sky covered.		mm.	hr.	a. 200 +	
1	1022·8	1024·0	80·7	81·1	85	76	2·1	1·7	7·6	8·5	74	79	293	3	293	3	5≡⁰	10	0·4	4·9	70	Bright a. to o.
2	1022·8	1020·1	82·1	84·2	86	80	0·5	1·6	10·7	10·6	94	80	225	4	247	5	10●≡⁰	10	0·4	0·2	78	● 7 h.–11 h. Mostly o.
3	1016·4	1011·7	84·2	84·2	87	83	1·6	1·5	10·6	10·8	80	82	225	4	203	5	9≡⁰	9	—	0·8	82	Dull and o.
4	1016·1	1021·9	82·3	78·3	86	78	2·5	1·2	8·2	7·4	71	83	270	5	270	3	8	3	1·2	9·0	74	Bright to c.
5	1012·6	1011·1	83·4	84·3	86	78	0·4	1·3	11·9	11·2	94	84	225	5	203	5	10●⁰	10	1·6	—	74	● a. o. all day. [20 h.
6	1007·1	1015·2	85·9	80·4	87	80	4·1	0·2	8·7	10·0	n59	98	247	6	247	4	2	1	3·4	7·2	77	Bright till 15 h., then c. ●⁰
7	1005·4	1007·7	81·4	79·9	86	79	0·8	1·6	9·8	7·9	89	79	247	5	247	5	7	8	0·2	5·3	76	Dull early. ● 8 h. Bright
8	1012·3	1017·4	81·1	78·3	84	77	2·1	0·8	7·9	7·8	74	89	225	4	270	3	8≡⁰	2	2·9	6·7	75	Bright to c. [later.
9	1011·8	1013·1	81·1	86·6	86	77	0·3	0·8	10·4	14·0	97	91	180	5	225	4	10●	9	x 5·8	—	75	Continuous ● 6 h.–17 h.
10	1014·5	1014·3	87·1	86·6	x 89	x 86	1·3	0·9	13·5	13·9	85	90	225	4	203	4	10	10	0·9	0·1	84	Dull and damp.
11	1015·1	1012·9	83·5	81·9	87	82	1·1	0·8	10·9	10·0	87	89	293	2	337	2	10≡⁰	10	0·7	0·2	79	Damp a. o. all day.
12	1013·4	1015·4	81·6	80·5	84	80	1·0	0·8	9·7	9·1	88	89	337	3	337	4	10≡⁰	10	—	0·7	79	o. to c. all day.
13	1020·2	1017·9	79·7	77·8	84	76	1·5	0·9	7·8	7·4	79	86	337	2	293	2	3≡⁰	3Ⓤ	1·3	4·3	70	Bright a. to c.
14	1011·0	1010·3	80·4	82·4	83	77	0·2	0·3	9·9	11·2	97	95	180	4	203	2	10●	10	1·8	—	74	d. 5 h.–15 h.
15	1010·5	1010·6	81·8	81·2	84	80	0·9	1·0	10·0	9·3	89	87	337	2	315	3	8≡⁰	10	—	—	72	o. all day. ⊕ 9 h. 30 m.
16	1008·9	1008·2	81·0	80·4	n 82	80	1·1	0·7	9·1	9·2	87	91	315	4	293	4	10≡⁰	10	—	—	75	o. all day.
17	1008·7	1012·4	79·9	80·9	84	78	1·3	1·2	8·1	9·0	81	86	315	3	337	3	9≡⁰	10	1·3	4·4	75	Dull early, then bright to c.
18	1012·5	1017·3	80·5	80·7	n 82	80	0·4	0·8	9·8	9·4	95	91	180	2	45	3	10≡⁰	2	—	—	77	● early. o. all day.
19	1019·5	1021·9	81·1	79·6	84	79	0·7	0·4	9·8	9·1	91	94	45	3	360	3	10≡⁰	8Ⓤ	3·7	1·7	74	Fine a. to c.
20	1023·8	1026·1	83·4	82·1	84	79	0·7	1·1	11·4	9·8	91	86	23	4	360	5	10≡⁰	10	—	—	76	● 1 h.–3 h. o. all day.
21	1024·3	1020·3	81·3	81·1	n 82	81	0·9	0·6	9·6	9·9	89	93	23	4	23	3	10≡⁰	10≡⁰	—	—	80	o. all day.
22	1017·4	1018·4	81·1	82·7	84	81	0·2	0·1	10·5	11·8	98	98	135	2	—	0	10≡⁰	10≡⁰	4·1	—	80	≡:⁰ a. d. 12 h.–15 h. ● 22 h.
23	1022·8	1023·5	82·1	82·0	83	79	0·2	0·6	11·3	10·6	99	93	23	2	23	2	10≡⁰	10≡⁰	—	—	71	Damp a. o. all day.
24	1021·9	1017·6	76·3	79·4	n 82	75	0·0	0·6	7·6	8·8	99	91	337	2	360	2	10≡	10≡⁰	—	—	71	≡² till afternoon. Ⓤ 23 h.
25	1012·3	1013·8	80·9	80·3	83	78	1·1	1·6	9·1	8·0	86	79	270	2	337	3	10≡⁰	8	—	—	76	Mostly o.
26	1015·8	1015·0	78·4	81·4	83	n 74	0·6	0·5	8·2	10·4	93	94	203	2	180	3	9≡	10≡⁰	0·3	3·0	n 67	≡ till 9 h., then sunny. o. p.
27	1017·4	1020·4	83·3	83·5	86	81	0·2	0·7	12·2	11·5	97	91	180	3	225	3	10≡⁰	10	—	0·1	80	o. all day.
28	1022·4	1025·2	83·6	84·2	86	83	0·8	1·0	11·5	11·6	90	87	180	3	180	3	10≡⁰	10	—	0·1	82	Dull and o.
29	1026·8	1025·0	84·0	84·3	86	83	1·1	0·8	11·3	12·0	87	90	203	2	180	2	8≡⁰	10	—	0·1	82	Mostly dull and o.
30	1017·2	1008·8	83·4	84·3	86	82	1·1	0·5	10·9	12·5	88	94	135	4	157	5	10	10	—	1·6	80	Dull a. Sunny 13 h. 30 m.–15 h.
31	1009·3	1006·5	81·7	82·2	85	80	2·0	0·6	8·4	10·7	76	93	203	3	180	3	10	10	—	2·3	76	Intermittent sunshine.
Mean	1015·9	1016·3	81·9	81·8	84·8	79·4	1·1	0·9	9·9	10·1	87	89		3·3		3·3	8·9	8·5	30·0	1·71	76·2	
Mean Pressure at Station Level.	995·8	996·1																				

Cambridge, a.—October 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 12·8 m. ; Barometer, H_b = 13·1 m. Heights above Ground :—Therms., h_t = 1·2 m.
Rain-gauge, h_r = 0·30 m. Lat. 52° 12′ N. Long. 0° 8′ E. *Time*, Greenwich mean time.

	8 h.	20 h.	8 h.	20 h.			8 h.	20 h.	8 h.	20 h.	8 h.	20 h.	8 h.		20 h.		8 h.	20 h.	8 h.			
1	1021·1	1022·4	81·4	80·4	86	73	1·4	0·5	8·8	9·5	82	94	315	3	225	2	1⌓	1⌓	—	6·8	n 70	Sunny a. Dull p.
2	1022·4	1021·3	81·5	83·8	87	79	0·7	0·7	9·8	11·9	91	90	225	2	225	2	10⌓	1⌓	0·1	0·1	75	Mostly o.
3	1018·8	1014·8	84·7	83·3	89	83	1·2	0·9	11·9	11·2	85	89	225	3	270	3	10	0⌓	—	3·0	80	Fine.
4	1014·2	1020·4	83·0	77·9	85	78	1·7	0·0	9·8	8·8	80	100	270	3	—	0	3⌓	0⌓	—	8·1	77	Fine and sunny.
5	1015·4	1014·2	82·4	85·9	87	74	1·1	1·1	10·2	12·9	86	87	225	5	225	5	10	10	2·2	—	71	o. d.
6	1009·3	1015·3	86·3	84·4	x 90	85	0·8	2·4	13·9	9·8	90	n72	270	5	225	5	10●	0	—	7·0	81	Fine and sunny.
7	1009·3	1009·2	85·0	81·3	87	80	1·6	1·5	11·5	8·8	81	80	180	5	225	3	8	0	1·4	3·7	76	Occasional showers a. Sunny p.
8	1012·3	1016·6	80·1	78·3	85	76	0·9	0·6	8·8	8·1	88	92	247	3	225	1	7⌓²	0⌓	—	5·0	72	Fine, but cool.
9	1017·2	1013·7	80·2	86·2	86	75	0·5	0·1	9·5	14·9	92	98	225	3	225	5	10⌓	10	5·4	—	71	o. d. all day.
10	1017·1	1016·3	87·7	87·9	x 90	x 86	0·7	0·7	15·2	15·6	91	93	225	3	180	2	10	10⌓	—	—	80	o. all day.
11	1014·0	1011·3	86·8	83·0	88	83	0·2	0·0	15·2	12·2	98	100	180	1	315	2	10⌓	10●⁰	x 8·2	—	81	Dull and o.
12	1010·5	1013·4	82·0	81·8	84	82	0·6	0·5	10·5	10·5	93	94	360	3	270	2	9	10	1·6	—	81	Dull, with occasional ●.
13	1018·9	1018·6	81·2	75·4	85	75	1·4	0·0	8·8	7·1	81	100	360	1	90	1	2	0⌓	—	6·2	79	Fine and sunny.
14	1014·4	1011·4	79·1	82·0	85	73	0·8	0·1	8·5	11·2	88	99	180	2	180	1	10⌓	10●⁰	6·6	—	71	o. all day.
15	1009·3	1008·7	82·4	81·4	85	81	0·0	0·1	11·9	10·8	100	99	360	1	337	1	10	5⌓	—	—	79	● early. o. all day.
16	1006·4	1005·8	79·6	81·4	85	78	0·4	1·1	9·1	9·5	96	86	315	3	315	2	9⌓²	9⌓	—	—	76	o. all day.
17	1006·9	1010·5	79·9	77·2	86	77	0·3	0·2	9·5	8·1	94	98	270	1	—	0	7⌓	9⌓	—	6·9	77	Fine and sunny.
18	1012·6	1016·2	78·6	79·5	85	75	0·2	0·0	8·8	9·8	98	100	315	1	45	1	9⌓	8⌓	—	3·1	73	Fine and sunny till 14 h.
19	1017·3	1018·7	80·5	83·0	86	77	0·0	0·8	10·5	10·8	100	90	315	1	360	2	10⌓≡	10	1·6	1·3	74	≡ early. Sunny intervals p.
20	1020·3	1021·9	84·7	83·7	85	83	0·6	0·1	12·5	12·5	93	98	23	5	360	1	10	10●⁰	1·2	—	81	o. all day. d. n.
21	1021·9	1019·7	83·4	82·2	85	82	0·3	0·0	12·2	11·5	96	100	45	2	360	1	10	10●⁰	2·7	—	82	o. d. most of day. [midday.
22	1018·3	1019·1	81·8	79·4	89	80	0·0	0·0	11·2	9·5	100	100	—	0	—	0	10≡⁰●⁰	5⌓	—	1·5	78	●≡⁰ early. Sunny intervals
23	1022·4	1021·7	77·7	81·1	n 82	75	0·1	0·4	8·8	10·2	98	95	—	0	360	2	10≡:	10≡⁰	—	—	74	≡: early. ≡⁰ most of day.
24	1021·3	1016·9	77·4	76·8	84	76	0·0	0·0	8·5	8·1	100	100	—	0	180	1	10≡:⌓	0⌓	—	3·0	75	≡: a. Sunny p.
25	1012·2	1011·8	80·8	82·7	84	76	0·7	0·5	9·5	11·2	92	93	247	2	360	2	9⌓	9⌓	—	0·1	75	Mostly o.
26	1016·0	1017·1	76·9	73·4	85	n 72	0·0	0·0	8·1	6·4	100	100	—	0	90	1	5⌓	0⌴	1·2	6·6	72	Beautiful day.
27	1017·4	1021·0	83·1	84·4	87	73	0·5	0·3	11·5	12·9	93	96	225	1	—	0	10	10	—	—	71	● n. o. all day.
28	1023·5	1025·0	84·3	85·2	86	84	0·7	0·8	12·2	12·9	91	90	247	1	180	1	10	10	—	—	82	Dull and o.
29	1027·4	1025·9	84·1	84·1	85	84	0·8	0·8	11·9	11·9	90	90	225	1	135	2	10	10	—	—	83	d. early. o. to fair.
30	1018·8	1013·1	83·0	82·9	85	82	1·9	1·0	9·5	10·5	77	87	135	4	180	3	5⌓	10	—	3·5	78	Sunny intervals.
31	1010·4	1007·8	83·0	84·8	88	82	0·6	0·4	11·2	13·2	93	95	225	1	135	2	7⌓	10	1·3	1·7	79	Sunny intervals midday.
Mean	1016·0	1016·1	82·0	81·8	86·0	78·7	0·7	0·5	10·6	10·7	92	94		2·1		1·8	8·4	6·4	33·5	2·19	76·6	
Mean Pressure at Station Level.	1014·5	1014·5																				

x denotes the maximum and *n* the minimum value in the column.

* From July 1918, this station takes the place of Shrewsbury, where the observations have been discontinued.

ARMAGH, **a.c.d.**—OCTOBER 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 59·8 m. ; Barometer, H_b = 61·6 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Cups of Anemometer, h_a = 15·2 m. Lat. 54° 21′ N. Long. 6° 39′ W. *Time*, Local mean time, 25 m. after Greenwich.

Day.	Air Pressure at Mean Sea Level.		Air Temperature in Degrees Absolute.				Humidity. Depression of Wet Bulb.		Humidity. Vapour Pressure.		Humidity. Percentage.		Wind. Veer from North and Force or Speed.				Cloud Amount and Weather.		Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.		9 h.	21 h.				
	millibar.		a. 200 +	a. 200 +	a. 200 +	a. 200 +	°	°	millibar.		%	%	°	m/s.	°	m/s.	Tenths of Sky covered.		mm.	hr.	a. 200 +	
1	1023·3	1020·3	80·7	82·6	85	75	0·6	0·4	9·6	11·3	93	95	232	2	216	3	9	10	2·7	0·6	72	Mostly o.
2	1015·6	1010·1	83·9	85·3	86	x 82	0·8	0·4	11·6	13·6	90	96	210	4	206	6	10	10	7·6	—	81	o.
3	1003·7	1004·4	85·2	82·0	86	x 82	0·3	0·2	13·5	11·2	96	98	203	6	—	0	10	10	15·9	0·1	84	o.
4	1012·5	1009·1	81·1	81·8	86	77	1·4	1·5	8·8	9·0	83	81	—	1	194	9	1	10	6·7	9·1	75	Very fine.
5	1005·1	993·5	83·5	85·1	86	81	1·1	0·7	10·9	12·8	87	92	220	3	200	10	10	10	7·2	—	80	o.
6	994·2	1004·4	83·6	80·1	86	79	2·3	1·4	9·2	8·1	n 73	82	225	10	214	7	5	0	x 16·9	6·0	79	Fine to stormy. A few ▲ [showers.
7	990·2	1002·4	80·0	78·6	84	78	0·8	1·2	8·8	7·5	89	83	220	6	240	4	9	9	5·4	3·2	77	Sun and showers. ▲
8	1006·1	1012·2	79·3	78·9	84	77	0·9	0·8	8·4	8·1	88	88	224	4	220	3	8	1	8·6	4·0	75	Mostly fine. A few showers.
9	1000·3	1000·3	85·9	87·8	x 88	79	0·1	0·4	14·6	15·9	99	96	208	4	210	10	10	10	6·5	—	76	o. ● 11 h.–13 h.
10	1003·0	1009·5	84·1	81·3	x 88	81	1·5	0·3	10·7	10·5	82	96	214	5	217	2	10	0	0·1	1·5	82	Fine.
11	1014·9	1015·9	79·5	79·0	85	79	0·0	0·2	9·7	9·1	100	98	—	1	—	0	10	3	0·5	3·1	76	Fine till 16 h. 30 m., then d.
12	1017·9	1020·0	79·2	77·6	84	74	0·8	0·4	8·4	8·0	89	94	—	1	—	0	1	4	0·6	6·8	70	Fine.
13	1017·6	1006·4	79·1	82·3	n 82	n 72	1·0	0·4	8·0	11·0	86	95	98	3	176	8	7	10	1·8	4·0	n 68	Fine till noon. ● p.
14	1006·1	1007·1	82·8	80·9	86	81	0·6	0·6	11·0	9·8	93	93	214	3	217	3	9	7	0·5	2·9	79	Mostly fine. Some showers.
15	1008·1	1012·5	81·6	79·2	86	79	0·5	0·6	10·4	8·7	94	91	216	2	—	1	10	3	0·5	1·3	79	Mostly c.
16	1011·8	1011·8	80·9	77·5	85	76	1·0	0·8	9·2	7·3	88	88	—	1	—	1	1	8	0·2	8·0	71	Very fine.
17	1012·8	1016·9	80·8	80·2	85	75	0·6	1·1	9·7	8·6	92	86	—	1	352	3	10	10	0·8	4·1	70	Fine.
18	1014·9	1017·3	82·9	82·1	85	79	0·7	0·0	11·1	11·5	91	100	360	3	34	2	10	10	3·8	0·1	76	o.
19	1021·7	1024·4	80·0	81·3	83	77	0·0	0·0	10·0	10·8	100	99	—	0	—	1	10	10	1·9	0·3	73	Mostly o.
20	1028·8	1030·5	83·5	82·7	85	81	0·1	0·1	12·5	11·8	100	98	53	2	—	1	10	9	0·1	—	80	o.
21	1027·7	1020·6	80·7	79·3	84	79	0·7	0·2	9·5	9·2	92	97	—	0	—	0	10	10	0·1	—	76	o.
22	1015·6	1018·6	79·6	79·8	n 82	78	0·7	0·5	8·8	9·1	92	93	182	2	—	1	10	9	—	—	76	o.
23	1024·7	1025·0	76·4	76·8	85	75	0·0	0·1	7·7	7·9	100	99	—	1	—	0	10	2	—	5·7	70	≡ early. Fine.
24	1021·7	1013·9	79·8	81·2	n 82	76	0·2	0·8	9·4	9·7	96	90	—	1	225	3	10	10	1·4	—	72	o.
25	1012·5	1014·2	80·7	77·9	84	78	0·0	0·7	10·5	7·7	100	90	—	1	—	1	10	8	—	1·5	80	Mostly o.
26	1012·5	1011·8	77·1	83·1	84	73	0·8	0·2	7·2	12·1	88	98	—	1	212	2	10	10	1·2	—	69	o.
27	1015·2	1013·9	81·9	82·8	85	81	0·3	0·9	10·9	10·7	97	89	—	0	207	6	5	8	0·1	2·8	80	Fine.
28	1013·9	1017·9	85·2	82·8	87	x 82	0·9	0·1	12·5	12·0	89	99	203	7	—	1	9	10	4·0	—	81	o.
29	1022·3	1017·3	81·0	84·1	85	80	0·1	0·6	10·6	12·2	99	93	—	0	157	5	10	8	0·2	—	79	o. ≡
30	1004·4	1001·7	84·6	81·4	85	81	1·0	1·0	11·8	9·6	87	88	157	10	246	3	6	5	1·9	1·1	80	Windy and wet.
31	997·9	1003·7	82·4	77·1	84	77	0·7	0·0	10·7	8·2	91	100	178	11	—	1	10	10	1·3	—	77	o., with d. and ≡.
Mean	1012·2	1012·5	81·5	81·1	84·9	78·2	0·7	0·5	10·2	10·1	92	93	3·1		3·1		8·4	7·5	98·5	2·13	76·2	
Mean Pressure at Station Level.	1004·7	1005·0																				

DUBLIN (PHŒNIX PARK), **a.c.**—OCTOBER 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 47·3 m. ; Barometer, H_b = 48·5 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Lat. 53° 22′ N. Long. 6° 21′ W. *Time*, Local mean time, 25 m. after Greenwich.

													°	0–12	°	0–12						
1	1024·7	1022·3	79·9	83·0	86	75	0·5	1·3	9·1	10·2	92	84	225	3	225	5	10	8	1·2	2·2	71	c. to o.
2	1017·9	1013·2	84·7	85·3	86	82	1·4	0·7	11·5	12·9	84	91	225	5	225	6	10	10	5·3	—	80	● 0 h.–3 h. and p. o.
3	1007·1	1006·4	85·2	82·0	86	81	0·6	1·0	13·2	9·8	93	88	225	6	225	5	10●	10●	x 10·8	—	82	o., with ● a. and p.
4	1016·6	1011·5	81·3	81·2	86	78	1·7	1·4	8·5	8·8	78	81	225	4	225	7	2	10●	4·4	9·7	75	● a. and p. Sunny day.
5	1007·8	996·3	83·0	82·4	87	77	1·0	1·4	10·5	9·8	87	83	225	3	225	9	10●	10●	8·1	—	76	● a. ↗ ● p.
6	1001·0	*1007·1*	83·1	81·2	88	80	1·8	1·4	9·5	8·8	79	81	225	8	225	8	10	2	9·5	5·2	76	↗ ● a. o. c., with ●²▲ [showers.
7	997·3	*1004·4*	82·6	79·7	85	77	1·9	0·8	9·1	8·8	77	90	225	7	225	4	8	2	3·2	4·8	75	●² showers *a.* ●▲ showers *p.*
8	1009·8	1014·2	80·7	83·1	87	77	0·9	0·9	9·1	10·8	89	89	225	5	225	3	7	6	3·5	7·1	74	c.
9	1003·4	1004·4	87·3	88·4	x 90	81	0·4	0·9	15·2	15·6	94	91	225	4	225	4	10●	6	0·6	—	77	d. *a.* and *p.*
10	1005·7	1011·8	87·6	83·5	x 90	x 83	0·8	0·7	14·9	11·5	91	91	225	6	225	2	10	3	2·4	1·0	85	d. *a.* and *p.*
11	1015·6	1016·6	80·9	81·0	85	78	0·3	1·8	10·2	8·1	97	78	270	1	—	0	10	4	0·3	3·2	72	●⁰ showers *a.* c.
12	1018·3	1018·9	80·2	76·7	85	74	1·2	1·1	8·5	6·8	84	85	225	3	—	0	1	2	—	8·6	70	Sunny day. Clear *n.*
13	1018·9	*1008·8*	80·7	80·9	85	71	1·8	1·3	8·1	8·8	77	83	—	0	—	0	2	5	0·5	4·8	67	c.
14	1008·1	1009·1	83·1	78·7	86	76	0·7	0·9	11·2	8·1	92	88	225	4	270	2	8	7	—	2·0	74	c.
15	1009·8	1013·5	83·1	79·8	85	76	1·3	2·4	10·2	6·8	84	n 70	225	3	—	0	3	6	0·2	3·3	75	c.
16	1012·2	*1011·8*	80·3	77·6	85	75	1·1	1·2	8·8	7·1	85	83	225	1	—	0	0	4	—	7·6	70	●⁰ showers early. Bright to c.
17	1012·5	1015·2	81·4	79·8	80	74	1·3	2·2	9·1	7·1	84	72	315	3	270	2	7	5	1·3	2·1	69	c. ● showers *p.*
18	1013·5	1015·9	82·5	82·4	84	75	0·6	0·5	10·8	11·2	92	95	315	3	—	0	9	9	1·0	—	72	o. ● showers *p.*
19	1020·0	*1024·4*	82·4	78·9	85	77	0·6	0·5	10·8	8·8	93	92	—	0	—	0	9≡:	9≡:	0·6	—	72	● showers *a.* o.
20	1027·4	1027·7	80·1	79·2	86	73	0·4	0·9	9·5	8·1	94	87	—	0	360	2	9≡:	8	—	—	70	o.
21	1026·4	1020·0	81·3	79·8	n 82	76	1·0	0·8	9·5	8·8	87	89	360	2	—	0	8	7	0·3	0·6	75	o. d. *p.*
22	1016·2	1018·6	80·9	76·4	86	75	0·7	0·7	9·8	6·8	92	88	225	1	—	0	8	1	—	6·7	75	Bright to c.
23	1024·4	1025·0	77·4	74·7	86	n 70	0·4	0·8	7·8	6·1	94	85	—	0	—	0	0≡	5	—	8·1	n 66	Sunny day.
24	1022·3	*1016·2*	76·0	77·7	84	71	0·2	1·0	7·4	7·4	96	87	225	1	—	0	8	9	1·2	1·0	68	c.
25	1012·5	1013·9	82·2	80·0	84	75	0·6	0·4	10·5	9·5	92	95	225	1	—	0	10●	10	2·8	—	73	d. *a.* and *p.* o.
26	1012·8	1014·2	82·4	81·6	86	80	0·4	0·3	11·2	10·5	94	95	—	0	225	1	10≡:	10	0·3	—	78	≡: *a.* and *p.*
27	1014·5	1017·6	84·4	83·1	85	81	0·3	0·9	12·9	10·8	95	89	225	3	225	2	9	8	—	0·9	79	c.
28	1016·6	1018·9	86·1	85·3	87	81	1·5	0·6	12·5	13·2	82	92	225	3	225	4	9	8	—	0·1	78	o.
29	1022·0	*1019·6*	86·0	85·9	87	85	1·2	0·9	12·9	13·2	86	90	180	1	180	2	9	7	—	—	82	o.
30	1005·7	1004·4	85·6	82·7	87	82	2·5	0·8	10·5	10·8	73	90	135	5	135	4	8	6	3·0	0·9	80	d. *a.* and *p.* o.
31	1000·7	1004·0	84·2	82·9	85	80	1·8	0·5	10·5	11·5	78	93	180	5	360	1	9	10●	8·6	—	77	o. ● *p.*
Mean	1013·6	1013·7	82·4	81·1	85·9	77·3	1·0	1·0	10·5	9·6	88	87	2·9		2·4		7·5	6·7	69·1	2·58	74·6	
Mean Pressure at Station Level.	1007·6	1007·9																				

x denotes the maximum and *n* the minimum value in the column.

METEOROLOGICAL OFFICE, LONDON,
December 20th, 1918.

[Price Sixpence.

DAILY READINGS AT METEOROLOGICAL STATIONS OF THE FIRST AND SECOND ORDERS, 1918.

DEERNESS, ORKNEY, **a.b.c.**—NOVEMBER 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 48·8 m. ; Barometer, H_b = 49·7 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 1·2 m. Cups of Anemometer, h_a = 4·9 m. Lat. 58° 56′ N. Long. 2° 45′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level.		Air Temperature in Degrees Absolute.				Humidity. Depression of Wet Bulb.		Humidity. Vapour Pressure.		Humidity. Percentage.		Wind. Veer from North and Force or Speed.				Cloud Amount and Weather.		Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.		9 h.	21 h.				
	millibar.		a. 200 +	a. 200 +	a. 200 +	a. 200 +	°	°	millibar.		%	%	°	m/s.	°	m/s.	Tenths of Sky covered.		mm.	hr.	a. 200 +	
1	1006·1	1002·0	77·3	82·4	83	77	0·7	0·3	7·4	11·3	89	96	—	1	135	7	3	10●	5·5	3·3	No record.	Very fine *a.* ● after 16 h.
2	989·1	980·3	82·1	82·8	x 85	x 81	0·6	1·7	10·6	9·6	93	80	124	19	135	19	10●	9	5·5	—		● till 16 h. ↗ 8 h.–24 h.
3	1000·3	1000·0	80·6	80·6	82	80	1·1	1·6	8·8	8·2	85	81	203	5	169	3	3	10	—	0·6		Fine all day.
4	991·2	986·4	77·8	80·0	82	76	1·2	1·1	7·1	8·5	83	85	203	6	169	8	0	6	x 36·2	3·5		Fine *a.* ●⁰ 14 h.
5	977·0	996·6	78·0	76·6	80	77	0·7	0·6	7·8	7·2	90	92	259	15	203	10	10	0	3·2	1·5		●² 1 h.–8 h. ● showers *p.* ↗ [7 h., 8 h.
6	1007·8	1015·6	77·2	79·4	81	n 75	0·9	1·1	7·1	8·1	87	85	214	10	180	9	3	0	—	4·3		●⁰ showers *a.*
7	1009·8	1001·7	81·0	81·8	82	76	1·7	0·8	8·4	10·1	80	90	169	13	146	16	4	10	—	1·0		Fair, but dull. ↗ 19 h. and 22 h.–24 h.
8	977·6	1002·7	80·6	75·6	82	n 75	1·7	0·3	8·1	7·0	n 79	96	146	23	270	10	4	3	8·8	—		↗ 1 h.–15 h. < *n.*
9	1009·5	1015·6	76·6	77·2	n 79	n 75	0·4	1·1	7·3	6·9	93	84	225	9	214	5	9●⁰	10	2·2	1·1		● showers *a.* Fair *p.*
10	1005·1	1000·7	81·2	78·6	82	77	0·7	1·2	9·8	7·4	92	84	191	11	259	16	10	4●⁰	5·1	—		● early. Dull. ● showers.
11	1015·9	1027·1	77·4	76·7	n 79	n 75	1·3	0·4	6·8	7·4	81	94	304	13	293	6	7	7	—	2·7		●⁰ *a.* Fair later.
12	1030·5	1029·8	77·2	77·2	80	n 75	0·6	0·6	7·5	7·5	92	92	—	1	236	3	7	10	—	1·0		Fine day.
13	1027·4	1027·1	78·9	81·2	81	76	1·1	0·6	7·8	10·0	85	93	214	3	191	2	10	10	—	—		Fine day.
14	1026·7	1025·4	82·0	81·2	82	80	0·0	0·1	11·5	10·7	100	98	146	4	146	9	10∞	9	—	0·1		Fair to fine.
15	1025·7	1025·4	80·6	80·6	82	80	0·6	0·6	9·6	9·6	93	93	169	4	157	10	0	0	—	5·2		Very fine day.
16	1026·1	1024·4	79·4	78·0	81	77	0·6	0·2	8·8	8·4	92	97	191	2	—	1	8	0	—	2·8		Very fine day.
17	1023·7	1022·7	79·0	79·7	80	77	0·3	0·3	8·8	9·2	96	95	—	1	259	7	9	10	—	—		Fine. ≡⁰ *p.*
18	1023·0	1023·7	79·7	78·9	80	79	0·4	0·0	9·1	9·2	94	100	270	2	—	1	10	10●⁰	3·7	—		Dull *a.* d. *p.*
19	1024·7	1025·7	79·4	77·8	81	77	0·6	0·6	8·8	7·9	92	92	259	3	45	2	10	9	—	1·1		Dull *a.*, then fine.
20	1021·0	1016·9	78·9	80·6	81	77	0·6	0·6	8·5	9·6	91	93	169	6	191	5	8	10	0·3	—		Dull *a.*, then fine.
21	1012·5	1011·2	80·8	80·0	82	80	0·9	0·9	9·2	8·8	89	88	180	10	191	7	8	0	—	—		Fine.
22	1005·1	1002·4	78·9	78·9	80	79	0·6	0·7	8·5	8·3	92	90	157	11	191	6	1	0	—	2·3		Very fine.
23	1006·4	1009·8	80·0	80·3	81	77	0·0	0·2	10·0	9·9	100	97	214	2	23	3	8●	10	2·6	—		●⁰ after 9 h. ● 11 h.–16 h. ≡ [till 18 h.
24	1005·4	1003·0	80·8	81·1	82	80	0·1	0·0	10·4	10·8	99	100	169	6	169	6	2	9	—	2·2		●≡⁰ *n.* Dull.
25	1003·0	1005·7	80·7	80·4	82	80	0·2	0·2	10·1	9·9	97	97	169	6	203	3	8	9	—	0·6		Fine and mild.
26	1001·3	1001·0	80·6	80·4	81	80	0·4	0·3	9·8	9·8	94	96	146	14	180	3	10	10	1·2	—		Dull all day. ● 11 h.–14 h.
27	999·6	999·6	79·4	80·0	81	79	0·1	0·6	9·4	9·2	98	93	180	2	180	7	2	10	—	4·0		Fine *a.* Very fine *p.*
28	1004·0	1010·1	78·4	78·9	81	77	0·1	0·0	8·8	9·2	99	100	214	2	236	2	5	9	—	3·4		Fine.
29	1011·8	1015·2	80·0	78·2	81	78	0·4	0·3	9·3	8·4	94	95	180	3	270	2	6	0	—	1·6		Very fine. ⨁ 11 h.
30	1016·2	1005·4	78·8	79·4	80	77	0·7	0·6	8·3	8·9	91	92	203	3	169	11	4	10●	1·9	0·4		● after 19 h.
Mean	1009·5	1010·4	79·4	79·5	81·2	77·6	0·6	0·6	8·8	8·9	91	92	7·0		6·6		6·3	6·8	76·2	1·42		
Mean Pressure at Station Level.	1003·3	1004·2																				

ABERDEEN, **a.c.e.**—NOVEMBER 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 14·0 m. ; Barometer, H_b = 26·8 m. Heights above Ground :—Therms., h_t = 12·5 m. Rain-gauge, h_r = 0·61 m. Cups of Anemometer, h_a = 21·9 m. Lat. 57° 10′ N. Long. 2° 6′ W. *Time*, Greenwich mean time.

																			0 h. to 24 h.			
1	1006·5	1001·8	80·2	83·6	84	80	1·4	0·4	8·2	12·1	81	95	—	1	150	4	10●	10●	7·0	—	78	Dull, with ≡⁰ and gloom.
2	989·0	986·1	82·8	83·3	x 85	x 82	0·4	2·0	11·3	9·5	94	76	135	12	165	10	10●	10	x 13·2	—	79	Dull and q. ●² *a.*
3	1003·0	1000·6	79·5	79·8	82	79	0·9	1·4	8·4	8·0	87	81	—	1	—	1	5∞	10∞	—	—	75	Fine to dull. ∞⁰.
4	994·9	987·4	76·4	82·2	83	75	1·1	0·7	6·6	10·5	83	91	195	3	150	5	0∞	10	4·2	0·9	68	Fine to dull and q. ● *n.*
5	986·1	1002·8	79·0	77·8	84	76	2·2	1·7	6·6	6·5	71	76	240	7	210	5	10	0	12·4	5·2	77	Dull. ●² *a.* ; fine *n.* Ш
6	1014·9	1020·6	78·0	78·2	82	76	1·6	1·1	6·8	7·4	78	84	225	5	—	1	0	*1*⌴	—	7·0	68	Fine and q. ⌴ ∞⁰.
7	1015·5	1007·9	80·2	81·2	82	77	1·8	1·8	7·7	8·3	76	77	195	6	165	8	3	8	—	0·3	71	Fine, with ∞⁰ to dull and q.
8	989·5	1008·4	79·6	76·9	82	76	2·2	2·2	7·0	5·6	72	69	195	10	225	7	5	0	7·7	5·2	79	Very squally, with ● to fine.
9	1014·2	1019·4	78·9	77·6	80	76	0·9	1·4	8·1	6·7	87	80	225	4	225	2	*10*●	5	—	0·5	71	c. to dull. ≡⁰●⁰.
10	1012·0	1007·6	82·0	80·5	x 85	79	1·7	3·1	8·9	6·5	78	n 63	195	6	270	5	10	0	—	—	70	Dull and q. to fine. Ш *n.*
11	1019·2	1030·0	77·5	76·0	80	75	2·1	1·5	5·9	5·8	70	77	270	5	270	3	0	0	—	4·5	73	Fine to fair. ●⁰ showers. Ш *n.*
12	1033·0	1032·2	74·4	75·2	79	73	1·2	1·6	5·3	5·4	79	75	255	2	225	2	1∞	0∞	—	5·6	66	Fine. ⌴ ∞
13	1029·7	1028·9	71·3	76·0	n 77	n 71	0·7	1·0	4·2	6·3	77	84	285	2	285	2	1∞⌴	10∞	—	1·3	n 65	Fine to dull. ⌴ ∞
14	1028·3	1027·5	78·2	81·0	81	77	0·8	0·4	7·7	10·1	88	95	—	1	195	3	10∞	10≡:⁰	—	3·2	73	Dull to fine. ∞. ≡ and e.
15	1028·4	1029·1	78·2	78·0	81	78	0·4	0·9	8·3	7·6	94	87	—	1	180	3	*5*≡⁰	5≡⁰	—	1·4	73	Fair to fine. ≡⁰ and e.
16	1028·2	1026·2	78·4	76·4	80	76	1·1	0·9	7·5	6·7	84	86	210	2	—	1	2	4	—	2·8	74	Fair to fine. ≡⁰.
17	1025·1	1024·0	72·3	73·4	n 77	72	0·8	0·6	4·6	5·5	79	87	—	1	—	1	0∞⌴	0∞	—	4·9	n 65	Fine. ⌴ ∞⁰.
18	1024·0	1025·4	76·4	74·8	79	73	0·9	0·8	6·7	5·9	86	86	285	2	285	2	5∞	0	—	0·1	67	Fair to fine. ∞⁰.
19	1026·7	1026·5	73·3	75·8	n 77	73	0·9	1·2	5·0	6·0	81	81	270	2	—	1	1∞⌴	4	—	3·5	66	Fine to c. ⌴ ∞. ⊍ *n.*
20	1023·9	1020·5	75·0	76·1	78	73	0·6	0·5	6·3	7·0	90	92	195	2	195	2	5∞⌴	6	—	0·1	67	Fair to c. ⌴ ∞
21	1016·4	1015·0	78·9	76·9	80	76	1·3	1·3	7·6	6·6	82	81	195	4	195	3	1≡⁰	*5*≡⁰	0·2	4·0	70	Fine and q. ⌴ ≡⁰.
22	1009·6	1006·2	77·5	76·7	79	75	1·2	1·6	6·9	6·1	82	77	165	5	195	2	1≡⁰	*5*≡⁰	—	4·9	70	Fair to fine. ≡
23	1008·0	1010·7	77·6	80·6	81	75	0·7	0·9	7·5	9·1	89	87	—	1	210	2	10≡⁰	*10*≡⁰	—	0·7	68	c. to dull. ≡
24	1007·0	1004·9	80·3	80·0	82	79	0·2	0·8	9·9	8·9	97	89	—	1	—	1	4≡⁰	5≡⁰	—	0·2	73	Dull to fair. ≡
25	1004·7	1007·5	79·2	77·5	82	77	0·3	0·9	9·0	7·3	96	87	—	1	—	1	9≡⁰	8≡⁰	—	—	73	Dull to c. ≡
26	1005·4	1002·2	80·2	78·9	81	78	0·7	0·4	9·1	8·7	90	94	165	5	—	0	9≡⁰	10●≡⁰	2·5	—	72	c. to dull. ≡●⁰.
27	1001·5	1002·4	75·4	78·5	79	75	0·4	0·6	6·7	8·2	93	91	—	1	210	2	*5*≡⁰⌴	1	0·4	3·0	69	Fine to c. ≡ ⌴ ●⁰.
28	1006·0	1011·7	75·7	76·6	80	74	0·6	1·0	6·7	6·7	90	85	—	1	—	1	1≡⁰	5	—	3·9	67	Fine to c. ≡⁰⌴
29	1012·8	1016·8	78·4	79·8	80	74	0·1	0·7	8·8	8·9	99	90	210	2	—	0	10●⁰≡⁰	?5	0·6	—	70	Dull and ≡⁰. Ш *n.*
30	1018·3	1011·9	77·3	78·5	80	77	0·7	1·2	7·4	7·5	89	83	—	1	195	7	1≡⁰	10	0·2	0·5	70	Fair to dull. ≡⁰.
Mean	1012·7	1013·4	77·7	78·3	80·7	75·9	1·0	1·2	7·4	7·5	85	84	3·6		2·9		4·8	5·2	48·4	2·13	70·9	
Mean Pressure at Station Level.	1009·4	1010·1																				

Corresponding Normal Values are referred to thus:—**a.** Appendix IV., "Weekly Weather Report," 1913 ; **b.** Appendix I., "Meteorological Observations at Stations of the Second Order," 1891 ; **c.** "Temperature Tables of the British Islands," 1871–1900 ; **d.** "Rainfall Tables of the British Islands," Part I., 1866–1880. Part II., 1881–1890 ; **e.** "Hourly Values," *Geophysical Section*, 1912.

Wt. 15559/478—250—1/19.—N. & Co., Ltd. **Gp. XV.**

Fort William, Inverness-shire, a.c.—November 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 52·1 m. ; Barometer, H_b = 11·6 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Lat. 56° 49′ N. Long. 5° 7′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level.		Air Temperature in Degrees Absolute.				Humidity. Depression of Wet Bulb.		Humidity. Vapour Pressure.		Humidity. Percentage.		Wind. Veer from North and Force or Speed.				Cloud Amount and Weather.		Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.		9 h.	21 h.				
	millibar.		a. 200 +	a. 200 +	a. 200 +	a. 200 +	°	°	millibar.		%	%	°	0–12	°	0–12	Tenths of Sky covered.		mm.	hr.	a. 200 +	
1	1005·4	997·3	74·1	80·8	81	72	0·7	0·7	5·8	9·5	86	91	—	0	90	2	3⌴	10●	16·0	No record.	No record.	⌴ early. ●⁰ showers. Dull.
2	979·7	980·3	85·8	82·4	x 86	x 81	2·2	1·1	11·0	10·1	75	86	180	5	225	5	10●	10●	14·2			Unsettled. ● and q.
3	1001·7	1000·0	78·9	75·7	82	75	0·9	1·0	8·0	6·2	86	85	—	0	—	0	7	7	—			Fine and sunny.
4	989·8	982·7	79·3	78·6	81	74	1·5	0·4	7·5	8·4	80	94	225	4	—	0	10●	10●	26·2			△● showers. ✻ on hills.
5	989·5	1002·0	78·5	78·1	80	77	1·6	1·9	7·1	6·5	79	75	225	4	225	3	8	8●⁰<	9·7			●▲. ✻ on hills. <ⁿ.
6	1012·8	1017·9	78·3	79·5	81	76	1·2	1·5	7·4	7·6	84	79	270	3	225	3	6	7	8·9			●▲. ✻ on hills. [●▲
7	1011·8	1000·3	80·8	80·2	83	78	1·1	0·7	9·0	9·1	86	91	225	4	225	5	10●⁰	10●	33·3			Dull and showery.
8	987·8	1009·1	78·0	77·4	83	76	1·0	1·4	7·4	6·7	86	80	225	6	225	4	10●	5	10·7			S.W. ➶ early. Blustering day.
9	1013·9	1017·9	78·0	79·7	80	76	0·7	0·2	7·8	9·4	90	97	225	2	270	2	10●	10●	x 36·1			Showery throughout. ✻ on [hills.
10	1009·5	1011·5	81·8	79·7	84	80	1·0	1·3	9·8	8·0	87	81	225	6	270	3	10●	3	19·5			q. and blustering. ●².
11	1022·3	1030·5	77·7	73·6	82	73	1·3	0·6	6·9	5·6	81	89	—	0	—	0	9	0	—			Fair to fine and sunny. ♛ⁿ.
12	1033·2	1032·2	71·1	72·4	76	70	0·5	0·6	4·4	5·0	84	85	—	0	—	0	7⌴	0⌴	—			⌴. Very fine and sunny.
13	1029·8	1028·4	77·4	81·3	81	71	1·2	0·2	7·0	10·6	83	97	—	0	—	0	10∞	10≡:●⁰	0·8			"Muggy," with ●⁰≡:.
14	1026·4	1025·7	80·9	75·9	83	75	0·5	0·6	9·9	6·9	94	91	225	2	—	0	10	0	—			Fine and sunny.
15	1026·4	1026·4	73·8	75·8	81	72	0·6	0·8	5·7	6·4	88	87	—	0	—	0	0⌴	0	—			Fine and sunny.
16	1027·1	1026·1	74·1	73·1	79	73	0·4	0·7	6·2	5·3	92	85	—	0	—	0	10⌴	0	—			Fine and sunny.
17	1025·4	1024·7	69·1	69·1	n 73	69	0·2	0·1	4·1	4·3	89	94	45	1	45	1	0≡⌴	10≡:	—			⌴≡ and v. Sunny at times.
18	1025·7	1026·7	71·9	74·6	75	n 68	0·6	1·0	4·7	5·6	83	82	—	0	—	0	10≡⌴	10≡	0·5			⌴≡ and v.
19	1027·4	1026·4	75·2	75·9	77	74	0·5	0·2	6·5	7·2	92	96	—	0	—	0	10≡	10≡	—			≡∞
20	1021·7	1018·6	79·7	80·9	82	76	2·2	1·8	7·0	8·1	n 71	77	225	3	225	3	7∞	8	—			∞ to fair.
21	1015·2	1012·8	81·3	78·4	83	76	2·3	2·1	7·7	6·4	72	73	225	4	225	3	6	1	—			∞ to fair.
22	1007·1	1004·4	77·4	78·6	80	73	1·8	1·9	6·3	6·8	75	76	225	4	225	2	0∞⌴	8	3·0			Fine, but ∞.
23	1007·1	1008·8	78·8	80·2	80	77	0·3	0·2	8·8	9·8	96	97	—	0	—	0	10≡∞	10≡●⁰	12·7			"Muggy." ∞●⁰≡⁰≡ [vals.
24	1004·4	1003·0	80·6	80·0	81	79	0·3	1·0	9·9	8·6	96	86	225	2	—	0	10≡	10	3·0			●⁰ at times. Short sunny inter-
25	1004·4	1006·4	80·2	77·3	81	77	0·4	0·4	9·5	7·8	94	94	225	2	—	0	10	1	1·3			Cloudy, with hill ≡. ●⁰ showers.
26	1000·0	1002·0	81·3	78·1	82	75	1·6	0·3	8·7	8·3	80	96	180	3	—	0	10●⁰	1	12·4			●⁰ showers. Hill ≡⁰. "Muggy."
27	1001·0	1002·4	79·1	79·2	81	77	0·6	0·2	8·7	9·1	92	97	225	1	225	2	10●⁰	10●	13·2			●≡⁰ generally.
28	1006·4	1010·5	79·0	79·7	81	77	0·5	0·7	8·7	8·8	93	90	225	1	225	1	8●⁰	10	0·8			"Muggy," with ●⁰.
29	1013·2	1017·6	80·7	75·2	82	75	1·4	0·6	8·5	6·5	81	91	270	1	—	0	9	0♛	—			Fine. Faint ♛ 21 h. [18 h.
30	1017·9	1009·5	71·9	79·7	80	71	0·2	0·6	5·3	9·0	93	92	—	0	225	5	2⌴	10●	5·1			Dull, with ≡. ● and q. after
Mean	1011·5	1012·1	77·8	77·7	80·7	74·8	1·0	0·8	7·5	7·6	86	88	1·9		1·5		7·7	6·3	227·4			
Mean Pressure at Station Level.	1010·0	1010·6																				

Douglas, Isle of Man, a.—November 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 84·5 m. ; Barometer, H_b = 86·6 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Lat. 54° 10′ N. Long. 4° 28′ W. *Time*, Local mean time, 20 m. after Greenwich.

Day.	Pressure 9 h.	Pressure 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Depression 9 h.	Depression 21 h.	Vapour 9 h.	Vapour 21 h.	% 9 h.	% 21 h.	Wind 9 h.		Wind 21 h.		Cloud 9 h.	Cloud 21 h.	Rain	Sunshine	Min. Temp. on Grass	Remarks
1	1001·7	992·5	82·8	84·7	x 85	79	0·3	1·1	11·5	11·9	96	86	135	3	135	6	10●	10	14·0	—	79	Continuous ● till 13 h., then [showers.
2	979·3	995·6	84·1	80·8	x 85	80	0·8	1·3	11·9	8·8	90	83	180	8	293	4	10	3	6·1	—	82	q. and ● showers.
3	1004·4	1001·0	79·7	76·9	83	76	1·1	1·1	8·1	6·8	84	84	315	1	—	0	4	0⌴	5·6	6·0	73	⌴ *a.* and *p.* Very fine.
4	994·6	978·6	82·4	83·6	84	77	0·6	0·0	10·8	12·5	93	100	180	5	157	10	10	10●	x 17·8	—	72	o. q., with ● showers.
5	999·3	1010·1	80·8	79·4	x 85	79	2·2	1·9	7·8	7·1	73	74	270	5	270	3	4	0	—	6·4	77	Fine. q. at intervals.
6	1021·0	1023·3	80·0	78·0	83	77	1·4	1·5	8·1	6·8	80	79	270	1	293	1	0	0⌴	—	7·9	72	⌴ *a.* and *p.* Very fine.
7	1019·6	1005·4	82·4	81·3	84	n 75	1·9	3·3	9·1	6·8	77	n 61	225	4	180	10	8	10	5·8	0·1	74	d. 9 h. c. o. q.
8	1003·7	1017·6	79·1	78·8	82	77	1·7	1·8	7·4	7·1	78	76	270	8	270	4	8	2	4·3	5·0	77	● showers. ▲ 12 h.
9	1021·7	1025·7	81·3	81·9	83	79	0·6	0·8	10·2	10·2	93	90	270	4	270	3	7	8	—	0·9	76	● showers early. g. q.
10	1021·0	1017·9	83·6	83·6	84	x 81	1·2	0·6	10·8	11·9	85	93	203	6	270	6	10	8	5·6	—	79	o. q., with frequent ● showers.
11	1025·4	1030·1	80·8	76·9	84	76	1·7	1·4	8·1	6·4	79	81	293	2	45	1	4	0⌴	—	3·6	78	Fine. c. at intervals. ⌴ⁿ.
12	1032·8	1032·2	79·7	80·8	81	76	1·7	1·7	7·4	8·1	77	79	113	2	135	1	6	7	—	5·4	72	Fine.
13	1032·2	1030·8	81·9	81·6	82	80	1·1	0·8	9·8	9·8	86	89	203	1	225	1	10	8	—	—	77	o. g. ⌓ *p.*
14	1027·7	1027·7	81·9	80·8	83	79	1·7	0·6	8·8	9·8	79	93	157	1	113	3	0	7	—	4·5	75	Bright *a.* g. *p.*
15	1026·7	1026·7	79·7	80·8	82	79	1·1	1·1	8·1	9·1	84	86	113	5	135	4	7	6	—	3·6	77	c. q. Bright afternoon.
16	1027·1	1025·4	78·6	78·0	81	77	1·1	1·5	7·8	6·8	85	79	135	3	135	3	8	8	—	0·3	77	c.
17	1024·7	1025·0	78·0	78·6	80	77	1·4	2·2	7·1	6·4	81	72	113	2	90	1	7	8	—	1·3	76	c. Bright intervals.
18	1026·4	1027·4	78·0	77·1	n 79	76	1·0	0·7	7·4	7·4	86	90	337	1	—	0	10	10	—	—	76	o.
19	1029·1	1028·1	76·3	78·0	81	n 75	1·0	1·1	6·4	7·4	85	84	337	1	67	1	2⌴	7	—	5·0	n 71	⌴ *a.* and *p.* Fine.
20	1025·0	1023·0	80·2	81·6	82	78	1·1	1·9	8·5	8·5	85	76	180	3	180	2	10	10	—	—	n 71	o.
21	1020·6	1015·2	80·8	79·1	82	79	1·7	0·6	8·1	8·8	79	92	203	3	113	4	8	7	—	5·4	78	Fine.
22	1009·5	1006·8	79·3	81·8	82	77	0·7	0·9	8·5	9·8	90	88	135	4	135	2	6	10	—	4·4	76	c. to o. . q. before 16 h.
23	1010·1	1010·8	80·9	83·0	83	x 81	0·1	0·0	10·5	12·2	99	100	157	2	225	2	10	10	2·8	—	78	o. d. 19 h.
24	1006·8	1005·1	82·4	80·8	83	80	1·1	0·0	10·2	10·5	86	100	203	2	180	1	7	10●	9·9	0·6	79	c. to o., with ● showers.
25	1007·8	1008·4	79·7	78·6	82	76	0·6	0·6	9·1	8·5	92	92	293	2	225	1	2	0⌴	6·1	6·2	77	● showers early to very fine.
26	1004·4	1004·7	80·2	80·8	83	78	0·0	0·6	10·2	9·8	100	93	180	2	270	2	10●	2	2·3	—	73	● till 11 h. Clear from 18 h.
27	1006·1	1008·9	80·2	80·8	82	79	0·8	1·1	8·8	9·1	89	86	293	2	270	4	2	6	6·4	4·8	76	Fine till 14 h.
28	1007·8	1012·2	80·8	81·3	82	80	0·0	0·0	10·5	10·8	100	100	67	1	113	1	10	10●≡	14·0	—	79	o., with ●. ≡ from 16 h.
29	1015·9	1017·6	81·9	79·1	84	79	0·7	0·6	10·2	8·8	91	92	293	2	360	1	8	0⌴	—	3·4	80	●≡ *a.* Bright *p.*
30	1019·6	1017·3	80·2	80·8	81	n 75	0·6	0·6	9·5	9·8	92	93	135	2	180	2	10	10●	9·4	—	72	⌴ early. ● after 20 h.
Mean	1015·1	1015·0	80·6	80·3	82·6	77·9	1·0	1·0	9·0	8·9	86	86	2·9		2·8		6·9	6·2	110·1	2·50	76·0	
Mean Pressure at Station Level.	1004·5	1004·4																				

x denotes the maximum and *n* the minimum value in the column.
Temperatures at or below the normal freezing-point of water are printed in small type.

Birmingham (Edgbaston) a.*—November 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 160·0 m. ; Barometer, H_b = 165·2 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·5 m. Lat. 52° 28′ N. Long. 1° 54′ W. *Time*, Local mean time, 7 m. after Greenwich.

Day.	Air Pressure at Mean Sea Level.		Air Temperature in Degrees Absolute.				Humidity. Depression of Wet Bulb.		Humidity. Vapour Pressure.		Humidity. Percentage.		Wind. Veer from North and Force or Speed.				Cloud Amount and Weather.		Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.		9 h.	21 h.				
	millibar.		a. 200 +	a. 200 +	a. 200 +	a. 200 +	°	°	millibar.		%	%	°	0–12	°	0–12	Tenths of Sky covered.		mm.	hr.	a. 200 +	
1	1004·5	997·6	84·5	83·3	x 86	x 81	0·9	0·8	11·9	11·2	88	90	157	3	113	5	7	10	8·7	0·4	77	⌓². Sunny 10 h., then o.
2	989·2	1000·2	84·7	80·0	x 86	80	2·4	1·0	9·8	8·6	n 72	86	135	7	203	3	7	4	—	0·9	77	Mostly o., with high wind.
3	1004·6	1003·7	79·6	77·4	80	77	0·5	0·4	9·0	7·8	93	95	23	2	225	3	10≡	1	1·2	—	74	≡ *a.* d. midday.
4	1002·6	990·0	79·3	84·4	85	75	1·0	0·4	8·2	12·6	86	94	157	4	157	7	7	10●	15·3	0·8	72	Bright early to c., and ●.
5	1004·3	1014·2	81·1	78·3	x 86	79	1·8	0·6	8·2	8·1	77	92	225	4	270	3	1	0	—	7·1	75	Beautiful day.
6	1022·7	1025·8	79·2	76·3	81	75	1·3	0·9	7·6	6·6	81	87	270	3	315	2	0≡⁰	3≡⁰	—	3·1	66	Bright *a.* Cold, with ≡⁰ *p.*
7	1025·9	1016·6	76·2	77·1	81	74	1·1	1·6	6·4	6·4	83	78	225	3	247	3	2≡⁰	8	4·3	7·2	n 64	≡⁰ to bright.
8	1007·7	1022·7	78·9	75·8	81	76	0·8	1·5	8·1	5·8	88	77	225	3	23	3	8≡⁰	1	—	4·7	71	Dull early, then bright.
9	1028·7	1028·0	77·8	80·1	83	74	1·2	0·6	7·1	9·1	95	92	203	3	225	3	3	9	—	4·1	70	Bright and cold *a.* c. *p.*
10	1029·4	1023·4	81·7	83·2	84	79	0·9	1·5	9·8	10·1	88	82	203	4	247	6	10	10	0·4	—	76	o. g.
11	1025·7	1029·9	80·8	78·4	84	78	0·3	1·1	10·1	7·5	96	86	360	4	23	2	10●≡⁰	5	—	—	72	o. and ≡⁰ all day.
12	1034·0	1035·0	76·5	76·8	81	75	1·4	1·1	6·2	6·7	79	85	90	2	135	3	5≡⁰	4≡⁰	—	4·8	69	Fine, but with ≡⁰.
13	1035·1	1033·6	76·3	75·6	82	74	1·1	0·8	6·4	6·4	83	88	180	2	225	2	0	1≡	—	7·8	66	Fine. ≡ in evening.
14	1030·1	1029·6	73·8	75·6	81	73	0·2	0·4	6·2	6·9	96	94	203	2	157	3	1	2	—	6·5	65	⌴≡ *a.* to bright.
15	1028·9	1027·6	77·7	77·0	80	75	0·9	0·9	7·4	7·1	87	87	135	3	113	4	9≡⁰	6	—	2·2	71	≡⁰ *a.* to bright. o. from 14 h.
16	1027·8	1025·3	74·7	74·5	n 77	74	0·9	0·6	5·9	6·2	84	91	90	4	67	3	10≡⁰	7≡⁰	—	0·4	70	Dull and cold *a.* Mostly o.
17	1023·7	1024·7	75·2	76·9	n 77	n 72	1·3	1·2	5·8	6·7	81	83	90	3	90	3	10≡⁰	10≡⁰	—	—	68	Dull and cold *a.* o. all day.
18	1026·7	1027·8	76·1	74·6	n 77	74	0·9	0·5	6·5	6·3	85	91	113	3	315	3	10≡⁰	2≡⁰	—	—	70	g.
19	1030·8	1031·0	74·7	73·8	78	74	0·4	0·4	6·4	6·0	92	91	337	2	225	1	2≡	2≡	0·3	—	n 64	≡⁰ *a.* and *p.*
20	1029·4	1027·5	73·8	74·7	78	73	0·2	0·1	6·3	6·9	97	99	225	2	180	3	10≡	10≡	0·2	2·5	n 64	≡ *a.* and from 17 h.
21	1025·0	1019·2	74·2	74·7	78	74	0·1	0·7	6·6	6·1	99	88	157	3	113	3	10≡⁰	5≡⁰	—	2·6	71	Damp and g. *a.* Brighter after- [noon.
22	1013·5	1010·3	74·5	76·1	79	74	0·2	0·2	6·5	7·4	96	98	113	3	135	4	10≡⁰	3≡⁰	—	3·6	70	Dull *a.* Bright *p.*
23	1012·8	1014·3	77·9	81·3	82	75	0·3	0·2	8·2	10·6	95	97	135	2	157	3	10≡⁰	10≡⁰	0·5	0·9	72	Dull and damp *a.*
24	1010·1	1006·3	80·7	80·0	82	80	0·4	0·2	9·8	9·7	94	97	157	2	157	3	10≡⁰	10≡⁰●⁰	3·6	—	75	Dull, with ≡⁰. d. in evening.
25	1007·9	1010·4	80·2	76·6	82	76	0·4	0·2	9·6	7·5	94	97	270	4	293	2	8●⁰≡⁰	2≡⁰	0·9	1·1	71	d. and g. *a.* Brighter *p.*
26	1009·2	1006·6	76·2	78·9	80	75	0·2	0·2	7·4	9·1	97	97	157	2	247	3	10●	2	1·6	—	67	Red sunrise. d. most of day.
27	1007·9	1013·0	78·9	78·3	82	77	0·4	0·7	8·8	8·0	94	90	225	2	225	4	7	2	3·7	2·8	74	c. *a.* to fine.
28	1010·2	1013·4	80·8	83·4	84	77	0·2	0·3	10·2	12·2	97	96	203	3	270	4	10●	10●⁰	2·0	—	76	Continuous d.
29	1015·2	1017·7	83·0	79·1	84	79	0·3	0·7	11·7	8·5	96	91	293	4	315	4	10●⁰≡⁰	2	—	—	76	d. early, then g. Clear *p.*
30	1021·3	1023·0	77·8	77·3	80	76	0·2	0·4	8·3	7·8	96	95	135	3	157	4	10≡⁰	9	4·8	—	73	g.
Mean	1018·2	1018·3	78·2	78·0	81·4	75·7	0·7	0·7	8·0	8·0	90	90	3·0		3·3		7·2	5·3	47·5	2·13	70·9	
Mean Pressure at Station Level.	997·7	997·9																				

Cambridge, a.—November 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 12·8 m. ; Barometer, H_b = 13·1 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Lat. 52° 12′ N. Long. 0° 8′ E. *Time*, Greenwich mean time.

	8 h.	20 h.	8 h.	20 h.			8 h.	20 h.	8 h.	20 h.	8 h.	20 h.	8 h.		20 h.		8 h.	20 h.	8 h.			
1	1006·7	1001·0	84·9	83·6	x 87	x 84	0·8	1·1	12·5	10·8	89	86	135	3	180	4	10	0	1·0	—	81	o. and mild.
2	995·8	1002·8	86·1	80·9	x 87	81	1·3	0·6	12·9	9·8	85	92	180	4	225	1	10●⁰	5	—	0·2	80	Mostly o.
3	1003·0	1001·3	80·5	78·7	81	79	0·2	0·3	10·2	8·8	97	96	360	3	315	3	10●⁰	5	x 17·5	—	78	o., with ● most of day.
4	1005·3	998·5	79·7	83·4	84	77	0·7	0·3	8·8	12·2	90	96	180	3	180	6	5⌓	10●⁰	4·9	2·9	73	● from 13 h. 30 m.
5	1004·7	1014·1	82·4	80·2	x 87	80	1·2	0·3	9·8	9·8	85	96	270	1	180	1	0⌓	8⌓	—	6·1	79	Beautiful day.
6	1022·2	1024·0	76·9	78·7	81	74	0·0	0·5	8·1	8·5	100	92	203	1	360	1	6⌓≡⁰	5⌓	—	—	72	o. all day. Lovely sunset.
7	1024·5	1019·6	73·9	72·7	84	72	0·1	0·6	6·4	5·1	99	87	270	1	270	1	3⌴≡⁰	0⌴⌓	1·1	5·8	71	Beautiful day.
8	1006·9	1022·2	81·9	74·1	83	72	0·4	0·3	10·5	6·4	94	95	225	3	—	0	10●	0⌴	3·0	2·2	69	● *a.* Sunny afternoon.
9	1029·3	1030·6	73·3	80·9	84	71	0·2	1·3	6·1	8·8	97	84	225	1	270	2	0⌴	7⌓	—	7·4	69	Beautiful day.
10	1031·5	1025·3	81·3	82·9	86	76	1·5	1·3	8·8	10·2	n 81	85	180	3	225	4	9⌓	10	0·2	3·0	74	o. early to bright.
11	1024·0	1028·0	83·4	80·8	84	81	0·4	1·4	11·9	8·8	94	83	225	2	360	2	10⌓	10	0·4	—	80	o. all day.
12	1032·9	1034·4	70·2	72·2	82	70	0·0	0·0	5·1	5·8	100	100	135	1	—	0	1⌴≡	0⌴≡⁰	—	3·7	70	≡⌴ early. Bright midday.
13	1035·8	1033·6	69·2	71·9	82	n 69	0·0	0·0	4·7	5·8	100	100	—	0	—	0	0⌴≡	0⌴≡:⁰	—	4·6	n 67	Beautiful day.
14	1030·7	1029·7	71·9	75·2	82	n 69	0·6	0·4	4·7	6·8	83	94	—	0	90	1	10⌴≡	9⌴	—	5·3	69	≡⌴ to bright.
15	1028·6	1027·4	78·6	75·7	83	75	0·6	0·0	8·5	7·4	92	100	90	1	90	2	10⌓≡⁰	0⌓	—	4·4	71	Fine.
16	1027·5	1024·5	75·6	74·2	80	73	0·8	0·1	6·4	6·4	87	98	90	2	90	2	9⌴	7⌴	—	3·8	70	Sunny afternoon.
17	1022·7	1023·6	76·4	76·3	n 78	74	1·1	0·3	6·4	7·4	84	95	67	2	45	1	9	10⌓	—	—	71	Dull and o.
18	1024·8	1025·0	76·9	74·4	79	74	0·2	0·3	7·8	6·4	97	95	225	1	315	1	10⌓	0⌓	—	—	70	o. all day ; cold and raw.
19	1029·0	1030·4	75·9	71·1	79	71	0·7	0·0	6·8	5·4	89	100	315	1	—	0	10⌓≡⁰	10≡⌴	—	—	69	Dull and o. ⊍⌴ 20 h.
20	1030·1	1027·9	69·3	74·1	n 78	n 69	0·0	0·0	4·7	6·8	100	100	225	1	270	1	0⌴≡⁰	10⌓≡⁰	—	1·9	69	Sunny midday.
21	1026·5	1020·9	73·0	73·2	79	72	0·0	0·0	6·1	6·1	100	100	135	1	—	0	2≡⁰	0⌴	—	2·5	72	o. *a.* Sunny afternoon.
22	1015·2	1011·0	74·3	75·4	80	72	0·1	0·1	6·8	7·1	98	99	180	1	135	2	0⌴	0⌴	—	6·4	69	Beautiful day.
23	1013·6	1015·3	74·8	74·9	83	73	0·0	0·0	7·1	7·1	100	100	225	1	180	1	0⌴≡⁰	0⌴≡⁰	—	2·5	70	Sunny *a.* o. afternoon.
24	1012·4	1007·5	80·2	80·9	83	74	0·0	0·1	10·2	10·5	100	99	135	1	180	1	10⌓≡⁰	10	—	—	71	Dull and o.
25	1006·6	1009·3	80·8	79·7	81	80	0·0	0·0	10·5	9·8	100	100	225	1	315	1	10⌓≡⁰	10●⁰	2·6	—	77	o. all day, with d.
26	1010·1	1005·7	77·7	80·9	81	77	0·0	0·0	8·5	10·5	100	100	270	1	180	1	10⌓≡⁰	10●	6·2	—	75	o. all day ; occasional ●.
27	1007·4	1012·3	77·6	75·7	82	76	0·0	0·0	8·5	7·4	100	100	225	1	—	0	9	0⌓	2·0	2·3	74	Fine ; sunny midday.
28	1011·8	1011·4	78·7	83·3	84	76	0·0	0·0	9·1	12·5	100	100	225	2	225	1	10●	10●	6·2	—	71	o. g., with ● all day.
29	1015·0	1015·9	80·2	81·3	84	80	0·0	0·1	10·2	10·8	100	99	180	1	360	2	10●⁰≡⁰	10	0·5	—	78	● early. Dull all day.
30	1020·9	1024·3	81·3	76·8	82	77	0·3	0·4	10·5	7·4	97	95	90	1	135	2	3⌓	0⌓<	2·4	4·3	74	Fine and sunny.
Mean	1018·5	1018·6	77·6	77·4	82·3	74·8	0·4	0·3	8·3	8·2	95	96	1·5		1·5		6·2	5·2	48·0	2·30	72·8	
Mean Pressure at Station Level.	1016·9	1017·0																				

x denotes the maximum and *n* the minimum value in the column.

* From July 1918, this station takes the place of Shrewsbury, where the observations have been discontinued.

ARMAGH, a.c.d.—NOVEMBER 1918.

Heights above Mean Sea Level:—Rain-gauge Site, H = 59·8 m.; Barometer, H_b = 61·6 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Cups of Anemometer, h_a = 15·2 m. Lat. 54° 21′ N. Long. 6° 39′ W. *Time*, Local mean time, 25 m. after Greenwich.

Day.	Air Pressure at Mean Sea Level.		Air Temperature in Degrees Absolute.				Humidity. Depression of Wet Bulb.		Humidity. Vapour Pressure.		Humidity. Percentage.		Wind. Veer from North and Force or Speed.				Cloud Amount and Weather.		Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.		9 h.	21 h.				
	millibar.		a. 200 +	a. 200 +	a. 200 +	a. 200 +	°	°	millibar.		%	%	°	m/s.	°	m/s.	Tenths of Sky covered.		mm.	hr.	a. 200 +	
1	1001·7	989·1	74·6	83·9	84	72	0·1	0·5	6·8	12·2	99	94	—	0	101	4	10≡●⁰	10	29·2	—	72	≡ and d. Very cold; warmer later.
2	971·2	993·5	85·2	79·4	x86	79	0·0	0·8	14·1	8·5	100	89	157	8	214	6	10●⁰	10	2·2	0·1	82	q. and changeable.
3	1003·0	999·6	76·7	75·7	81	74	0·9	0·4	6·8	7·0	86	94	203	2	214	2	0	0	1·4	8·0	71	Fine.
4	990·5	972·6	81·6	81·6	85	75	0·4	0·0	10·5	11·1	95	100	203	8	11	3	8	10●	x31·8	2·2	72	● to fine. ●² in evening.
5	998·3	1010·1	77·6	76·4	82	76	0·7	0·6	7·5	7·1	90	91	214	4	214	4	1	0	0·1	6·8	74	● n. Fine, clear, and cold.
6	1020·3	1020·6	77·1	77·8	82	74	0·8	0·9	7·2	7·4	88	87	225	5	191	5	0	0	1·5	7·8	71	Fine and clear.
7	1014·5	995·9	80·6	80·2	83	76	0·5	0·4	8·8	9·3	94	94	191	9	157	12	10	10●	13·2	—	74	o., with ●. Stormy, with ● n.
8	1003·0	1016·9	75·7	76·1	82	74	0·2	0·6	7·1	6·9	97	91	225	5	214	5	8●	0	0·6	4·3	75	✻● (sleet) showers to clear.
9	1020·0	1024·7	80·7	81·1	84	76	0·6	0·7	9·8	9·8	94	91	214	5	214	6	5	10	0·3	3·0	74	Sun and cloud.
10	*1015·2*	1018·9	82·5	80·6	85	x81	1·0	0·3	10·3	10·0	87	96	191	13	270	2	10	7	2·4	—	79	o, with ●.
11	1025·0	1030·8	79·8	74·6	84	75	0·7	0·0	8·9	6·9	91	100	—	0	—	0	10	0	—	3·5	77	Fine.
12	1032·5	1030·5	71·4	80·0	80	71	0·1	0·9	5·2	8·7	95	87	—	1	157	2	3≡	9≡	—	6·3	n67	Frost and ≡ to bright.
13	1030·8	1029·1	81·8	80·6	84	77	0·3	0·7	10·8	9·5	97	92	203	3	203	3	10≡⁰	6	—	—	77	Dull and dry. ≡ n.
14	1025·7	1024·0	79·6	79·3	82	79	1·0	0·5	8·3	8·9	86	93	169	2	124	2	4	2	—	2·1	74	Fine. Clear n.
15	1024·7	1025·0	80·8	76·3	82	76	1·1	0·1	9·0	7·6	87	99	169	3	—	1	3	0	—	3·7	72	Fine. Clear n.
16	1025·7	1024·4	71·4	71·8	80	71	0·1	0·2	5·3	5·4	97	95	—	1	—	0	0≡	0≡	0·1	6·3	68	≡ to fine.
17	1024·0	1025·0	72·9	73·7	n79	n70	0·0	0·2	6·1	6·2	100	97	—	1	—	0	2≡	9≡	—	5·0	69	≡ and frost to fine.
18	1027·1	1027·4	73·9	73·9	n79	73	0·3	0·4	6·2	6·0	93	91	—	1	225	2	9≡⁰	9≡⁰	—	5·4	71	c. to fine.
19	1028·8	1026·1	74·6	77·3	n79	74	0·6	1·1	6·1	7·0	90	84	—	1	—	1	1	10	—	4·0	71	Fine, sunny, and clear.
20	1021·3	1020·0	80·1	80·2	82	76	1·5	1·3	8·0	8·3	n80	83	180	6	191	3	0	9	—	3·3	72	Fine, clear, and breezy.
21	1016·2	1011·5	80·3	79·4	83	78	1·5	0·9	8·1	8·4	n80	87	180	3	157	5	4	2	—	6·3	77	Very fine.
22	1005·1	1002·7	80·3	82·4	82	79	0·9	0·6	8·8	10·9	87	93	157	6	157	6	5	10	0·4	0·8	76	Cold and c.
23	1007·1	1009·5	82·7	80·2	84	80	0·1	0·0	12·0	10·1	99	100	191	4	—	0	10	10≡●	7·2	—	81	●⁰ to ≡²●.
24	1004·4	1003·7	79·1	81·1	81	78	0·3	0·1	9·0	10·6	96	99	203	2	214	3	4	10≡●⁰	1·6	—	76	Dull to d. and ≡.
25	1007·8	1005·7	76·6	78·8	82	75	0·3	0·6	7·4	8·4	95	91	236	2	169	3	0	2	2·7	5·8	74	Fine.
26	1000·0	1000·3	81·8	80·3	83	79	0·3	0·1	10·8	10·0	96	98	207	2	225	4	10●	10	0·1	—	76	Dull and d.
27	1004·7	1008·1	77·8	79·1	82	77	0·4	0·4	8·0	8·8	93	94	225	4	225	5	2	10	7·3	4·8	76	● showers; sunny intervals.
28	1006·8	1011·8	80·2	84·1	84	79	0·0	0·0	10·1	13·1	100	100	—	0	259	2	10●≡	10●	2·8	—	69	≡²●
29	1017·3	1018·6	79·3	75·4	85	75	0·1	0·0	9·4	7·3	99	100	—	1	—	1	9	1≡	—	4·0	74	Damp, with c. and ≡. Ш².
30	1017·9	1012·5	70·2	82·3	82	n70	0·1	0·0	4·8	11·6	98	100	—	0	180	9	10	10●	0·6	—	68	≡ and frost to ●.
Mean	1013·0	1012·9	78·2	78·8	82·4	75·6	0·5	0·4	8·4	8·8	93	94		3·4		3·4	5·6	6·2	105·5	3·13	73·6	
Mean Pressure at Station Level.	1005·5	1005·4																				

DUBLIN (PHŒNIX PARK), a.c.—NOVEMBER 1918.

Heights above Mean Sea Level:—Rain-gauge Site, H = 47·3 m.; Barometer, H_b = 48·5 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Lat. 53° 22′ N. Long. 6° 21′ W. *Time*, Local mean time, 25 m. after Greenwich.

													°	0–12	°	0–12						
1	999·6	*987·5*	80·3	84·3	x86	78	0·1	0·6	10·2	12·5	99	93	45	5	45	8	10●	10●	x24·2	—	76	d. a. ●² p.
2	973·6	*995·2*	85·3	74·6	x86	75	0·7	0·4	12·9	6·4	91	92	135	5	—	0	9	0	5·0	—	79	o., with ●² a. and p.
3	1003·7	*1001·0*	79·0	74·8	x86	72	1·1	0·4	7·8	6·4	85	92	180	3	270	4	0	0	1·5	7·0	68	Fine and sunny.
4	992·2	976·6	84·0	77·6	x86	73	1·1	1·0	11·2	7·1	87	86	225	5	225	2	10	9●	2·6	0·6	67	o. ● p.
5	1000·7	1013·2	80·1	75·9	82	76	1·1	0·7	8·5	6·8	85	89	180	3	—	0	3	0	0·3	6·9	70	↗● a. to sunny.
6	1022·0	1023·7	79·7	76·7	83	74	1·6	1·3	7·8	6·4	78	81	225	6	270	8	0	0	—	7·5	69	Fine and sunny.
7	1017·9	*1001·7*	82·4	78·8	84	75	1·6	0·9	9·5	8·1	80	88	225	4	225	3	10	10	4·9	—	72	↗● showers p.
8	1006·8	*1018·3*	77·6	77·2	84	76	1·1	0·8	7·1	7·4	85	89	225	5	225	3	7	2	—	7·4	73	Fine and sunny. c. n.
9	1023·0	*1026·1*	81·6	80·6	84	76	1·3	0·8	9·1	9·1	83	89	225	6	270	3	6	8	—	3·8	72	c.
10	1021·3	1020·0	83·6	80·3	85	76	1·0	0·8	11·2	9·1	87	88	315	2	—	0	10	10●	2·8	—	74	o., with ●⁰ a. and p.
11	1026·4	1028·8	79·6	75·0	83	74	0·6	1·2	8·8	5·8	92	80	315	1	—	0	7	2	—	5·8	71	c.
12	1031·1	1031·1	76·7	78·1	83	73	0·4	0·9	7·4	7·8	95	88	180	3	135	2	6≡	8≡	—	4·1	68	c., with ≡.
13	1031·1	1029·1	83·1	76·7	84	75	0·5	0·6	11·5	7·4	93	92	135	4	135	2	10	8	—	—	72	o.
14	1025·4	1025·0	81·4	80·1	84	73	1·3	1·5	9·1	8·1	84	80	135	5	—	0	8	7	—	6·3	67	c.
15	1024·0	1024·7	80·8	75·0	82	75	1·2	0·4	8·8	6·8	85	93	—	0	—	0	8	5	—	3·5	74	c.
16	1025·0	1024·4	74·7	73·7	82	72	0·2	0·3	6·8	6·1	96	94	—	0	—	0	2	1	—	5·8	67	c.
17	1023·3	1024·4	72·9	75·4	82	69	0·1	0·3	6·1	6·8	98	95	—	0	—	0	8	10	—	0·2	64	c.
18	1026·4	1028·1	76·3	71·1	n79	70	0·2	0·3	7·4	4·7	96	89	—	0	—	0	10	0	—	1·4	71	c.
19	1029·1	1026·7	71·4	74·4	80	n66	0·3	0·7	5·1	5·8	90	86	—	0	—	0	0	6	—	6·2	n62	Bright to c.
20	1022·3	1020·6	80·1	78·6	84	71	1·8	0·7	7·8	8·1	n77	90	—	0	—	0	2	5	—	2·9	67	c.
21	1017·3	1013·2	80·9	79·4	84	77	1·8	0·8	8·1	8·5	78	88	135	3	135	2	7	8	—	6·0	75	c.
22	1006·1	1003·7	80·8	81·4	84	76	1·2	0·8	8·8	9·8	85	91	135	4	—	0	8	9	—	0·5	69	c.
23	1007·4	*1009·8*	84·2	80·9	85	x80	0·7	0·7	12·2	9·8	91	92	—	0	—	0	9≡	10●	2·0	—	76	≡ a. ●⁰ showers.
24	1005·1	1005·4	80·2	79·2	82	79	0·6	0·9	9·5	8·5	92	88	—	0	—	0	10●	10●	3·6	—	75	o., with ● a. and p.
25	1008·4	1006·4	78·0	79·2	84	76	0·6	1·1	8·1	8·1	92	85	180	2	225	3	4	7	5·5	6·5	71	Bright. c. n.
26	1003·4	1006·1	82·6	80·1	84	76	0·7	1·1	10·8	8·5	92	86	225	4	225	2	8	6	—	1·8	71	●⁰ a. c.
27	1007·1	*1010·1*	78·4	81·2	83	77	0·5	0·6	8·5	9·8	93	92	225	3	225	3	7	10●	3·5	4·5	71	c. ●⁰ p.
28	1009·1	1012·5	84·4	81·7	85	78	0·4	0·6	12·9	10·2	95	93	225	2	225	3	10●	10	0·7	—	75	o. ●⁰ p.
29	1017·6	1018·3	80·3	77·4	82	77	0·6	0·7	9·1	7·4	91	90	225	1	—	0	10	10≡⁝	0·4	1·6	75	o.
30	1017·9	1014·2	77·1	81·2	84	74	0·1	0·7	8·5	9·8	97	91	—	0	—	0	10≡⁝	10≡⁝	0·1	—	71	o.
Mean	1014·2	1014·2	79·9	78·0	83·4	74·6	0·8	0·8	9·1	7·9	89	89		2·5		1·6	7·0	6·4	57·1	3·00	71·1	
Mean Pressure at Station Level.	1008·2	1008·1																				

x denotes the maximum and n the minimum value in the column.

METEOROLOGICAL OFFICE, LONDON,
January 23rd, 1919.

[Price Sixpence.

DAILY READINGS AT METEOROLOGICAL STATIONS OF THE FIRST AND SECOND ORDERS, 1918.

DEERNESS, ORKNEY, a.b.c.—DECEMBER 1918.

Heights above Mean Sea Level:—Rain-gauge Site, H = 48·8 m.; Barometer, H_b = 49·7 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 1·2 m. Cups of Anemometer, h_a = 4·9 m. Lat. 58° 56′ N. Long. 2° 45′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level.		Air Temperature in Degrees Absolute.				Humidity. Depression of Wet Bulb.		Humidity. Vapour Pressure.		Humidity. Percentage.		Wind. Veer from North and Force or Speed.				Cloud Amount and Weather.		Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.		9 h.	21 h.				
	millibar.		a. 200 +	a. 200 +	a. 200 +	a. 200 +	°	°	millibar.		%	%	°	m/s.	°	m/s.	Tenths of Sky covered.		mm.	hr.	a. 200 +	
1	1004·7	1004·7	81·1	83·3	x84	79	0·0	0·0	10·8	12·5	100	100	225	2	236	9	10●	10	7·5	—	No record.	●⁰ occasionally all day.
2	1006·1	999·6	82·2	81·1	x84	x81	0·0	0·3	11·6	10·4	100	97	—	1	203	5	4	1	6·3	0·4		Very fine a. ● 15 h.–18 h.
3	1002·0	1006·4	80·8	80·6	82	79	0·7	0·4	9·6	9·8	91	94	203	2	—	1	8	8	4·2	0·8		Fine day. ● n.
4	1002·0	1005·1	82·2	81·7	x84	80	0·0	0·1	11·6	11·0	100	99	157	10	214	3	10	0	—	—		d. at times. Fine p.
5	1005·1	1004·0	80·7	80·7	82	80	0·2	0·0	10·1	10·5	97	100	157	6	180	3	8	1	—	1·3		Fine to very fine.
6	999·6	992·5	81·7	82·1	82	80	0·2	0·2	10·9	11·2	98	97	157	10	157	13	9	7	0·4	—		d. o.
7	998·3	997·6	80·0	81·1	82	80	0·5	0·6	9·2	9·9	94	93	203	5	157	12	3	7	—	3·1		Fine all day.
8	1000·0	1004·4	81·7	81·1	82	x81	0·0	1·0	11·2	9·3	100	88	157	11	191	10	7	0	—	—		∞ a. Fine p.
9	1007·1	1004·4	80·4	81·0	81	80	0·9	0·8	9·0	9·6	89	90	180	8	157	9	9	1	—	2·1		Very fine all day.
10	1007·8	1008·4	79·5	80·6	81	79	1·1	0·6	8·2	9·6	85	93	180	4	146	3	0	10●	2·9	0·5		Very fine till 21 h., then ●⁰.
11	1009·5	1007·8	79·1	79·4	81	78	0·2	1·1	9·1	8·1	97	85	146	2	157	9	10	2	10·8	—		Dull and showery.
12	991·9	996·6	80·3	80·0	81	79	0·3	0·9	9·7	8·8	96	88	180	6	281	8	9●	0	3·0	1·7		●² 7 h.–9 h. ● showers till 18 h.
13	1001·3	999·6	80·7	81·3	83	79	0·8	1·7	9·3	8·6	90	79	180	9	225	12	10●	3	1·2	0·9		● 9 h.–12 h., then ● showers.
14	1005·4	1009·5	77·8	78·9	81	75	1·1	1·1	7·2	7·8	85	85	214	8	225	13	5	6	13·5	1·3		● a. ⚡ 13 h. ●▲² p. o.
15	1008·4	1009·1	78·9	78·0	81	78	0·7	0·7	8·3	7·8	90	90	214	9	236	6	8	5	3·2	1·3		● showers till 18 h. ●⁰ n.
16	1006·4	1010·1	77·2	76·1	78	76	0·9	2·3	7·1	5·1	87	n67	67	7	23	7	10●	5	2·2	—		●⁰ till 10 h., then ● showers.
17	1013·5	1003·0	74·4	76·9	77	74	0·9	1·5	5·7	6·3	84	79	—	1	157	12	1	5	1·8	3·8		▲ over night. ⌴. Mostly fine.
18	985·8	979·3	76·9	76·6	79	74	0·5	0·6	7·4	7·2	93	92	169	7	236	5	10●⁰	10●	2·6	—		● 8 h.–10 h., then fair. ●⁰ 20 h.
19	984·4	992·5	76·1	78·0	79	75	0·7	1·1	6·9	7·3	90	84	—	1	56	8	7	9	7·2	0·2		c. to o. ● most of p.
20	1002·4	1009·8	76·7	76·1	79	75	2·0	0·9	5·7	6·5	72	86	45	5	326	2	2	10	4·8	3·9		Fine day. Ш evening. ● n.
21	1010·1	1008·1	74·9	75·2	77	74	0·6	0·2	6·4	6·9	91	96	—	0	236	2	5	7	1·2	1·0		● showers all day.
22	1002·7	984·7	76·3	76·3	78	75	0·8	0·6	6·8	7·1	88	91	191	4	113	14	0	10●	17·0	—		⌴ a. ● after 16 h. ✻● n.
23	980·3	988·8	73·9	74·3	n76	74	0·0	0·4	6·5	6·2	100	92	315	16	293	5	10●✻	10	10·3	—		● till 8 h. ↗ 11 h. ✻● till 15 h.
24	990·8	993·5	74·4	75·6	77	73	0·4	0·6	6·3	6·6	93	91	281	13	349	8	8✻	6●⁰	17·2	—		▲✻ all a.
25	1010·8	1015·9	74·7	75·6	77	75	0·3	1·2	6·6	6·1	95	82	11	7	—	1	10✻	8	0·6	0·4		✻●⁰ all a. Ш p.
26	1004·4	987·5	77·7	79·1	80	75	1·0	0·2	7·2	9·1	86	97	180	11	203	9	10●	7●⁰	x18·8	—		● 9 h.–12 h., then showers.
27	986·8	988·8	75·3	76·3	80	74	0·7	0·9	6·4	6·6	89	86	247	12	270	9	4	5	4·5	0·1		▲✻● showers all day.
28	988·8	994·2	75·6	76·1	77	75	1·1	0·6	6·1	7·0	83	91	281	8	281	8	2	2	1·4	2·5		▲ showers. ● showers p.
29	993·9	991·2	75·6	76·7	77	75	0·6	1·2	6·6	6·5	91	82	—	1	45	3	7	10	0·2	—		Fair. ⌴
30	994·9	1002·4	76·0	76·1	77	75	1·0	0·6	6·4	7·0	85	91	23	4	360	8	4	3●⁰	4·8	1·7		Showery most of day.
31	1012·2	1014·5	74·4	71·7	77	n72	2·0	0·6	4·6	4·6	n67	83	326	7	—	1	7	1	5·8	0·6		⌴ a. and p. ● showers a.
Mean	1000·6	1000·5	78·0	78·3	79·9	76·7	0·7	0·7	8·0	8·1	91	89		6·4		7·0	6·7	5·5	153·4	0·89		
Mean Pressure at Station Level.	994·4	994·3																				

ABERDEEN, a.c.e.—DECEMBER 1918.

Heights above Mean Sea Level:—Rain-gauge Site, H = 14·0 m.; Barometer, H_b = 26·8 m. Heights above Ground:—Therms., h_t = 12·5 m. Rain-gauge, h_r = 0·61 m. Cups of Anemometer, h_a = 21·9 m. Lat. 57° 10′ N. Long. 2° 6′ W. *Time*, Greenwich mean time.

																			0 h. to 24 h.			
1	1008·9	1008·9	82·0	83·2	x85	79	0·5	1·0	10·6	10·6	93	87	195	4	195	3	10●	10	0·8	0·5	77	Dull, with ●⁰ to fair. Ш n.
2	1008·8	1003·2	81·8	82·6	84	x81	0·6	0·7	10·4	10·8	92	91	—	1	195	3	0≡⁰	1≡⁰	1·5	0·3	76	Dull. ≡⁰ and ●⁰ to fine.
3	1001·4	1008·0	79·8	77·8	82	77	0·2	0·4	9·6	8·1	97	94	—	1	—	1	10≡⁰	0≡⁰	1·6	0·1	73	c. to fine. Ш n.
4	1006·9	1008·4	82·7	84·0	x85	80	0·4	1·2	11·3	11·1	94	85	165	3	210	4	10≡⁰	0≡⁰	7·0	0·6	73	Dull, with ●. ≡⁰ to fine.
5	1008·0	1005·8	81·4	80·8	83	x81	0·5	0·5	10·2	9·8	93	93	195	2	195	2	10≡⁰	4≡⁰	1·2	—	77	Dull, with ●⁰. ≡⁰ to fair.
6	1002·7	997·4	81·5	82·5	83	80	0·5	0·6	10·3	10·9	93	92	165	3	180	6	10≡⁰	0≡⁰	—	—	74	Dull to fine.
7	1002·1	1001·2	79·7	81·7	82	79	1·1	1·3	8·3	9·3	85	83	195	2	165	5	0	10	—	3·1	74	Fine to dull.
8	1002·9	1008·0	81·6	80·3	82	80	0·6	1·3	10·2	8·4	92	82	165	4	210	3	10≡⁰	0	—	—	79	Dull to fine. Ш n.
9	1010·4	1007·6	79·6	80·8	81	78	0·6	0·5	8·9	9·8	91	93	180	3	180	3	1	8	0·8	0·7	71	Fine to dull, with ●.
10	1008·9	1008·3	77·4	80·3	81	77	0·5	0·6	7·6	9·4	92	92	—	1	—	1	5≡⁰	10≡⁰	—	—	72	Fine to dull. ●⁰ at times.
11	1010·1	1010·0	77·6	77·8	80	76	0·7	0·8	7·5	7·5	89	88	300	3	210	2	7≡⁰	10	—	0·3	75	Dull to fair.
12	995·8	999·9	82·0	80·4	83	80	0·4	1·9	10·8	7·7	95	75	225	5	240	4	10●	0	4·4	4·9	69	Dull, with ● to fine. q.
13	1005·5	1006·0	80·5	81·8	84	79	0·2	2·6	10·0	7·8	97	69	180	3	210	4	10●≡⁰	0	5·6	—	74	Dull, with ●. ≡⁰ to fair. < 18 h.
14	1011·3	1016·6	78·8	78·0	81	78	2·0	1·6	6·7	6·8	73	78	225	3	195	2	0	0	—	5·2	74	Very fine.
15	1014·9	1012·0	78·0	75·8	79	74	1·5	1·0	6·9	6·2	79	84	210	6	270	2	8	5	—	—	71	c. to fine. ≡⁰. ⊍ 18 h.
16	1006·8	1007·4	75·8	75·9	77	74	0·6	0·4	6·7	7·0	90	93	—	0	330	4	10●≡⁰	10●≡⁰	4·8	0·4	69	Dull to c. ≡⁰. ●. ⊔ n.
17	1014·7	1006·1	75·0	76·9	78	74	1·1	1·9	5·8	5·9	82	73	300	4	165	5	4	10	0·8	4·3	72	Fine to dull. ⊔ 18 h.
18	987·1	981·8	75·1	74·1	78	74	0·6	0·7	6·4	5·7	90	87	—	1	—	1	4	6	4·4	1·8	70	Dull and q., with ● to fair.
19	984·6	992·1	72·2	74·0	n75	n72	0·7	1·0	4·7	5·4	81	82	—	1	270	2	0∞⌴	4∞⌴	—	3·0	72	Fine to fair. Ш n.
20	1000·8	1010·6	75·4	74·7	78	75	0·4	0·5	6·7	6·3	93	91	285	3	300	2	4	5	—	0·5	n67	Fine, with ⌴. ∞⁰ to c. Ш n.
21	1012·1	1009·7	75·0	72·9	76	n72	1·5	1·1	5·3	4·6	76	76	—	1	—	1	5∞	4	—	0·3	69	Dull to fine. ⊕ 13 h. ⊔ n.
22	1004·5	982·2	72·7	77·3	78	n72	0·9	0·3	4·8	7·9	80	95	—	1	165	4	10≡⁰	10●	x11·0	—	n67	Dull and ≡. ⊔ 7 h. ● p. and n.
23	978·3	992·1	76·1	75·0	77	74	1·0	1·9	6·4	5·0	84	71	300	18	285	8	9●	1	1·8	0·5	72	Dull to fair. ↗ 9 h. ✻⁰● showers.
24	996·7	994·5	74·8	74·8	76	74	2·1	1·8	4·7	5·0	n68	72	270	7	255	9	1	2	—	4·7	71	Fine and q. Ш n.
25	1008·0	1017·4	76·0	75·6	77	74	1·1	1·3	6·2	5·8	83	80	315	5	285	4	4	5	7·5	2·2	72	Fair to c. ✻●▲. Ш n.
26	1013·1	996·3	73·8	79·2	81	73	1·2	0·5	5·0	8·7	78	93	195	4	195	7	1∞	10●	0·1	—	n67	Fine to dull. ●⁰ n.
27	994·9	995·8	76·3	76·3	81	76	1·5	1·3	5·9	6·2	77	80	225	3	210	2	1	10	—	2·4	73	Fine to dull and q. ⊔ 7 h.
28	993·0	998·4	76·8	75·3	78	75	1·4	2·0	6·3	5·0	79	69	285	4	255	3	7	4	0·5	3·4	70	Dull to fine. ●⁰ a.
29	995·3	991·1	73·6	74·5	76	73	1·0	0·3	5·1	6·4	81	94	—	1	—	1	5	10✻≡⁰	4·0	—	n67	c. to dull ≡✻● p. and n.
30	993·3	1000·6	75·0	74·7	77	74	0·2	0·6	6·8	6·2	97	89	285	2	315	4	10	1	1·5	0·3	73	Dull, with ●. ✻ to fair.
31	1011·3	1016·0	75·1	72·8	76	n72	1·0	1·2	5·9	4·4	84	74	330	4	—	1	7	5	1·3	1·8	72	Dull to fair. ●✻ showers.
Mean	1003·0	1003·0	77·5	77·8	79·8	76·0	0·9	1·1	7·5	7·4	86	84		3·3		3·3	5·9	5·0	60·6	1·32	72·0	
Mean Pressure at Station Level.	999·7	999·7																				

Corresponding Normal Values are referred to thus:—**a.** Appendix IV., "Weekly Weather Report," 1913; **b.** Appendix I., "Meteorological Observations at Stations of the Second Order," 1891; **c.** "Temperature Tables of the British Islands," 1871–1900; **d.** "Rainfall Tables of the British Islands," Part I., 1866–1880. Part II., 1881–1890; **e.** "Hourly Values," *Geophysical Section*, 1912.

Wt. 15559/478—250—2/19.—N. & Co., Ltd. **Gp. XV.**

FORT WILLIAM, INVERNESS-SHIRE, a.c.—DECEMBER 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 52·1 m. ; Barometer, H_b = 11·6 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Lat. 56° 49′ N. Long. 5° 7′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level. 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Depression of Wet Bulb. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind. Veer from North and Force or Speed. 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		a. 200 +	a. 200 +	a. 200 +	a. 200 +	°	°	millibar.		%	%	°	0–12	°	0–12	Tenths of Sky covered.		mm.	hr.	a. 200 +	
1	1006·8	1009·8	83·6	84·0	85	80	0·1	0·4	12·5	12·3	99	94	225	4	225	3	10●≡	10●	15·2	No record.	No record.	"Muggy," with ●. ≡⁰. ≡
2	1007·1	1002·4	83·6	83·2	84	x83	0·6	0·2	11·8	12·1	93	98	225	2	270	2	10●≡	6	11·4			●⁰. ●. ≡⁰. ≡
3	1001·7	1007·4	80·8	83·0	83	79	0·6	0·6	9·7	11·3	93	93	—	0	270	3	10∞	7	4·6			Showery. ∞
4	1002·4	1008·4	86·7	83·0	x88	81	1·5	1·1	12·9	10·5	83	86	225	4	225	3	9	7	8·1			Dull and showery. Hill ≡⁰.
5	1004·4	1004·7	81·3	82·4	83	79	1·8	0·6	8·4	10·9	78	93	—	0	—	0	10	5	6·4			● showers ; fine intervals.
6	996·3	993·9	83·6	83·9	84	80	0·2	2·6	12·3	9·1	97	71	225	3	225	5	10●	7	6·6			Dull and showery.
7	999·3	995·6	80·3	84·6	86	80	1·7	2·7	7·9	9·4	77	70	225	4	225	4	9●⁰	10●⁰	0·8			Mostly fair. Showery evening.
8	999·0	1006·8	83·6	81·9	85	81	1·1	0·9	10·9	10·0	86	89	225	3	225	4	10	10●	5·6			Fair to fine till 17 h., then ●.
9	1006·4	1004·0	80·7	80·8	82	80	1·6	0·7	8·3	9·5	80	91	225	3	225	3	10●⁰	10●	10·4			Dull and showery.
10	1006·4	1009·5	78·6	75·8	81	75	0·6	0·7	8·3	6·6	92	89	45	1	225	1	10	4	2·0			Dull and showery. Ш n.
11	1009·8	1007·8	75·8	75·2	76	72	0·2	0·7	7·2	6·4	96	89	45	2	—	0	10⌴≡	10≡	x16·5			⌴≡ all day. ● n.
12	996·3	1003·4	81·3	81·9	83	75	1·1	2·1	9·3	8·3	86	74	270	4	225	3	10●	10	14·2			Dull and showery. q. at times.
13	1003·0	1006·8	83·6	82·0	85	80	0·1	2·4	12·5	8·1	98	71	225	4	225	4	10●	10	9·7			Boisterous and showery.
14	1012·2	1016·9	78·8	80·8	82	78	1·4	1·7	7·4	8·2	81	79	225	3	225	4	10●⁰	6	4·8			Showery and q. ✻ on hills.
15	1015·6	1010·8	79·7	78·9	81	78	1·2	0·8	8·1	8·2	83	89	225	4	225	1	10●⁰	10●⁰	9·4			Generally fair. Showery p.
16	1006·8	1009·5	77·3	74·1	79	74	0·4	0·4	7·7	6·2	93	92	225	1	—	0	9●⁰	10	1·3			Showery. ✻ on hills.
17	1015·9	1000·0	71·9	77·4	78	71	0·6	1·6	4·7	6·5	83	78	—	0	180	2	1	10●	8·9			⌴. ● after 18 h.
18	988·1	984·1	77·0	74·1	78	74	0·7	0·4	7·3	6·2	90	92	180	3	225	1	8	10	6·4			✻ (sleet). ● showers. ✻ on hills.
19	985·1	994·6	73·2	70·2	75	70	0·8	0·2	5·2	4·5	83	91	45	2	—	0	1⌴	0	—			⌴. Bright intervals. Ш 21 h.
20	1003·0	1012·2	67·6	73·4	n73	n67	0·1	0·6	3·8	5·6	94	88	—	0	—	0	1⌴	10≡	—			⌴. ≡ n.
21	1012·5	1009·8	74·1	73·1	76	73	0·7	0·7	5·8	5·3	86	85	225	2	—	0	10⌴	10	—			Dull generally. Sunny intervals. ⌴
22	1001·7	981·4	72·6	74·1	75	71	0·6	0·5	5·0	6·0	84	90	—	0	90	1	10⌴	10✻	8·1			✻ after 12 h. ⊠ 5 cm. 21 h.
23	988·8	996·9	76·4	74·7	78	74	0·7	1·1	7·0	5·6	90	81	45	4	45	2	3✻	2	2·8			✻ and sleet. ⊠
24	1001·7	1002·0	74·7	75·8	76	72	1·7	1·9	5·0	5·4	72	72	270	3	270	3	10	10✻	2·0			✻ ⊠
25	1012·5	1018·9	74·7	72·0	77	72	1·3	0·8	5·4	4·4	78	77	—	0	—	0	7	1	—			⊠. Fine, crisp, and sunny.
26	1011·5	995·9	76·9	81·3	81	71	0·6	0·4	7·4	10·4	92	95	225	4	225	4	10	10●	15·0			Snow gone from flats. q. and ●.
27	997·6	997·9	77·6	76·9	81	77	1·3	0·6	6·8	7·3	81	91	270	4	225	3	7●⁰	10●⁰	11·2			g. and ● showers.
28	996·3	1000·3	77·0	75·2	78	74	0·7	1·6	7·3	5·4	90	76	270	2	225	1	10	1	—			Fair generally. Occasional showers p.
29	993·9	990·2	74·1	74·6	75	72	1·1	0·4	5·3	6·3	79	92	—	0	—	0	10	10✻	10·7			✻ all day. ⊠
30	992·5	1003·7	74·8	76·9	77	74	0·4	1·7	6·5	6·1	93	77	45	4	45	3	9	10●⁰	0·3			⊠. Fair. ✻ showers and ≡ on hills.
31	1013·5	1015·6	74·7	70·9	77	70	1·1	1·3	5·5	3·1	80	n61	45	1	90	1	10	0	3·8			Fine, crisp, and sunny.
Mean	1002·8	1003·3	78·0	77·9	80·1	75·4	0·9	1·0	7·8	7·6	87	84	2·3		2·0		8·5	7·6	196·2			
Mean Pressure at Station Level.	1001·4	1001·9																				

DOUGLAS, ISLE OF MAN, a.—DECEMBER 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 84·5 m. ; Barometer, H_b = 86·6 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Lat. 54° 10′ N. Long. 4° 28′ W. *Time*, Local mean time, 20 m. after Greenwich.

Day.	Pressure 9 h.	21 h.	Temp. 9 h.	21 h.	Max.	Min.	Dep. Wet Bulb 9 h.	21 h.	Vapour Pressure 9 h.	21 h.	Percentage 9 h.	21 h.	Wind 9 h.		21 h.		Cloud 9 h.	21 h.	Rain	Sunshine.	Min. Temp. on Grass.	Remarks.
1	1014·9	1010·9	84·1	83·8	85	81	0·0	0·0	13·2	12·9	100	100	225	2	225	1	10	10	8·4	—	77	● showers. ≡ 10 h. o.
2	1012·8	1005·7	83·6	83·6	84	x83	0·4	0·0	11·9	12·5	94	100	225	3	225	2	10	10≡	18·5	—	83	● showers. o. ≡² 21 h.
3	1003·4	1011·2	84·7	83·6	85	82	0·3	0·0	13·2	12·5	97	100	270	4	180	2	10	10≡	2·8	1·1	82	o. q. morning. c. to o. ≡ 21 h.
4	1010·5	1013·5	83·6	83·0	84	82	0·0	0·0	12·5	12·2	100	100	180	3	225	1	10≡●	10	6·4	—	80	≡● showers a. o.
5	1007·4	1008·1	83·6	83·0	84	82	0·0	0·6	12·5	11·2	100	93	203	3	203	2	8	8	3·6	0·6	81	● showers a. c.
6	1001·3	1002·7	83·0	81·9	84	82	0·0	0·8	12·2	10·2	100	90	157	2	247	2	10	4	1·3	—	81	o. ● showers.
7	1005·1	1000·0	82·4	83·0	84	80	1·1	1·0	10·2	10·5	86	87	203	3	180	5	8	10	8·1	—	77	c. to o. ●⁰ showers afternoon.
8	1005·1	1012·5	82·4	79·3	84	79	0·6	0·4	10·8	8·8	93	94	270	3	247	1	4	0	0·5	3·8	81	Fine.
9	1011·2	1009·1	81·5	82·1	83	79	0·3	0·0	10·5	11·5	96	100	180	2	225	1	10	3	3·8	—	76	o. ● showers.
10	1006·8	1011·8	79·9	78·2	82	78	0·3	0·7	9·5	7·8	96	90	270	1	315	1	10●	3	4·6	2·0	76	●² showers 9 h. o. Fine afternoon.
11	1007·4	1010·8	80·2	81·9	82	78	0·2	0·6	9·8	10·5	98	93	135	3	203	1	10≡⁰	10	6·4	—	75	≡⁰. ● showers a. o.
12	1006·4	1009·1	83·6	83·0	85	82	0·6	0·8	11·9	10·8	93	90	247	6	270	5	7	8	2·0	1·3	80	● showers. c. q.
13	1011·2	1015·2	84·7	82·4	x86	82	0·3	1·1	13·2	10·2	97	86	225	4	247	3	8	0	0·3	0·2	81	● showers a. c. q.
14	1020·3	1024·4	81·3	80·2	82	80	1·1	1·8	9·5	7·8	86	77	270	3	270	2	2	8	3·8	5·1	79	Fine.
15	1017·6	1012·5	80·2	79·7	81	79	0·1	0·6	9·8	9·1	98	92	113	1	337	1	10●	10	6·4	—	77	● a. o. to c.
16	1012·2	1009·1	78·6	79·1	80	77	0·6	1·1	8·5	7·8	92	84	270	2	293	6	8	7	2·8	1·4	75	c.
17	1016·9	1004·0	76·3	79·1	81	76	0·6	1·1	7·1	7·8	91	84	360	1	225	6	2	10●	10·2	3·8	74	⌴ early. Fine till 14 h. ●² p.
18	994·6	985·4	78·8	78·0	81	76	1·1	0·9	7·8	7·4	85	86	270	4	270	3	3	4	8·4	2·0	74	c. q. ▲ showers noon. ⌴ p.
19	984·4	996·3	77·4	76·3	80	75	0·3	1·1	8·1	6·4	96	83	247	3	293	1	10●	2⌴	x33·0	0·1	73	▲ q. o. ⌒ 16 h. ⌴ 23 h.
20	1004·4	1013·5	78·0	76·3	79	76	0·6	0·6	8·1	7·1	92	91	315	6	315	4	10▲	10●	15·5	0·2	72	▲² a. o. c. q., with ●. ▲ showers.
21	1014·9	1008·4	74·8	77·7	79	75	0·7	0·8	6·1	7·4	88	88	337	1	113	3	10⌴	10	0·8	—	72	⌴ a. o.
22	1000·7	988·8	78·0	81·3	84	77	0·0	1·1	8·8	9·5	100	86	135	2	270	6	10●	10	8·6	—	73	● early till 16 h. c.
23	991·9	1000·3	78·3	77·4	82	77	2·5	1·7	6·1	6·4	n68	76	315	7	293	6	7	0	—	3·1	76	▲ showers a. c. q. ⌴
24	1003·7	1007·4	76·3	75·8	n78	74	0·7	1·0	6·8	6·4	89	85	293	3	293	5	8	2⌴	3·6	2·4	74	c. q., with ✻▲ showers. [/
25	1012·5	1021·0	78·0	74·7	79	n73	2·2	1·1	6·1	5·4	70	80	337	6	315	1	4	0⌴	—	5·8	71	⌴ a. and p. Fine q.
26	1018·9	1006·8	78·0	81·9	82	n73	1·9	0·4	6·4	10·8	74	95	225	2	203	8	8	10	1·8	—	n69	⌴ a. o. ● showers after 16 h.
27	1005·4	1003·7	80·2	80·1	83	79	1·7	0·4	7·8	9·5	78	94	270	6	225	3	7	10●	12·7	—	76	● showers a. Continuous ● from 19 h.
28	999·3	1000·3	80·9	79·7	84	80	0·2	0·0	10·5	9·8	98	100	293	3	337	1	8	10●	15·2	—	78	o. ● showers after 17 h.
29	992·9	995·2	83·0	79·4	84	79	0·0	1·1	12·2	8·1	100	84	270	4	270	3	10	4	4·3	1·2	79	●² showers a. o. q. before 13 h.
30	988·5	999·6	80·2	77·4	81	77	0·7	0·9	9·1	7·1	91	86	203	3	360	3	8●	8	6·9	0·1	76	o. q., with ● showers.
31	1011·5	1016·9	75·8	75·8	n78	75	1·1	0·8	6·1	6·4	83	87	337	2	90	1	0	4⌴	8·6	6·5	73	⌴ early. Very fine. ⌴ p.
Mean	1006·3	1007·1	80·4	79·9	82·2	78·3	0·7	0·7	9·6	9·1	91	90	3·2		2·9		7·7	6·6	209·3	1·32	76·5	
Mean Pressure at Station Level.	995·7	996·6																				

x denotes the maximum and *n* the minimum value in the column.
Temperatures at or below the normal freezing-point of water are printed in small type.

BIRMINGHAM (EDGBASTON) a.*—DECEMBER 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 160·0 m. ; Barometer, H_b = 165·2 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·5 m. Lat. 52° 28′ N. Long. 1° 54′ W. *Time*, Local mean time, 7 m. after Greenwich.

Day.	Air Pressure at Mean Sea Level. 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Depression of Wet Bulb. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind. Veer from North and Force or Speed. 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		a. 200 +	a. 200 +	a. 200 +	a. 200 +	°	°	millibar.		%	%	°	0–12	°	0–12	Tenths of Sky covered.		mm.	hr.	a. 200 +	
1	1019·7	1020·5	81·2	83·4	85	76	0·2	0·6	10·6	11·6	98	92	180	5	203	3	10	3	—	0·2	74	● till 9 h. o. Clear evening.
2	1018·7	1011·8	82·6	83·0	84	82	1·4	0·4	9·8	11·6	83	95	203	3	180	5	7	10●	2·9	0·4	79	Bright a. c. to o. ● 16 h.–21 h.
3	1007·5	1013·7	85·7	82·9	x87	82	0·8	0·9	13·2	10·8	92	89	203	3	203	3	10	9	—	0·7	78	Damp a. Mostly o. Very warm.
4	1014·8	1017·6	85·1	83·4	86	82	0·4	0·5	13·2	11·8	94	93	203	5	203	3	8	7	8·1	0·5	81	Damp a. c. to o.
5	1012·9	1012·9	83·5	83·1	85	82	0·3	0·5	12·1	11·5	96	93	203	4	180	3	10	10	—	—	78	● early. o.
6	1006·4	1006·3	82·6	82·9	84	82	0·1	0·3	11·7	11·7	99	97	180	4	225	3	10●⁰	10●⁰	0·5	—	81	Drizzling ● a. o. ●⁰ 20 h.–21 h.
7	1010·2	1005·8	77·3	80·4	83	77	0·3	0·7	7·9	9·3	96	92	157	2	180	4	10≡⁰	6	0·3	—	74	Misty to o.
8	1007·1	1014·5	81·8	79·1	83	79	0·2	0·9	10·9	8·2	97	87	180	4	315	3	10≡⁰	3	0·2	—	75	Damp a. o. Misty to clear evening.
9	1016·3	1013·5	77·7	82·2	82	75	0·1	0·3	8·3	11·0	99	96	203	3	203	4	10≡⁰	10	0·3	0·1	71	Damp a. o. ●⁰ 18 h. 30 m.
10	1009·7	1015·4	81·4	77·2	82	77	0·7	0·7	10·0	7·4	92	90	180	4	270	4	10	8	1·5	0·8	74	c. to o. Sunshine 13 h.–14 h. ≡⁰ 22 h.
11	1008·3	1015·4	79·9	81·0	83	77	0·2	1·0	9·6	9·2	97	87	180	3	247	3	10≡⁰	10	1·4	0·3	74	Dull a. ● showers.
12	1010·1	1013·7	84·3	83·2	86	80	0·5	1·6	12·4	9·9	93	81	225	5	247	4	10≡⁰	10	—	3·0	78	Dull a. Fine 11 h.–15 h. c. to o.
13	1017·2	1019·6	84·9	84·5	86	x83	1·1	1·1	12·0	11·7	87	88	247	4	247	4	10●	10	1·6	—	82	Dull a. o. ●⁰ 20 h. 30 m.–21 h.
14	1023·0	1027·8	82·6	77·8	85	77	0·8	0·1	10·6	8·4	90	98	247	3	225	3	10●	10	5·1	0·9	77	● a. o. ≡ evening.
15	1020·4	1012·3	83·3	83·4	84	77	0·3	0·4	12·1	12·0	97	95	203	4	203	4	10●	10	5·5	—	77	● 3 h.–11 h. g. ● p.
16	1014·6	1012·7	78·8	78·6	84	78	1·3	1·3	7·4	7·4	82	83	247	4	270	5	10	9	0·7	3·1	75	● a. Fine.
17	1017·2	1014·1	77·3	77·3	80	76	0·7	0·9	7·4	7·2	91	87	315	3	203	3	9≡⁰	10	3·1	0·9	73	c. to o. ● from 22 h.
18	998·8	989·0	77·8	76·6	80	76	0·9	0·6	7·4	7·1	87	91	247	4	270	4	5≡⁰	5	7·4	0·8	74	● till 4 h. and from 13 h.–17 h. 30 m.
19	990·6	989·7	75·5	74·1	79	74	1·1	1·4	6·1	5·0	83	75	270	4	337	8	5≡⁰	10✻●	6·2	0·3	72	o. ● noon–14 h. ⟋✻● (sleet) 20 h.
20	1002·6	1013·8	75·4	76·4	n77	74	0·4	0·4	6·8	7·2	93	93	337	5	315	4	10✻●	10●	2·7	—	71	✻● (sleet). ● a. o.
21	1016·9	1009·8	75·2	74·6	n77	74	1·1	0·6	6·0	6·2	83	91	270	3	157	2	7	10	2·3	0·1	70	⊕ 9 h. 30 m. o. ≡⁰.
22	1006·4	995·1	75·9	81·2	84	74	0·1	2·4	7·4	7·6	99	n71	157	3	270	5	10●	5	x11·2	—	72	g., with ●.
23	990·0	1003·6	78·3	75·6	82	75	0·8	1·6	7·9	5·6	90	76	315	5	270	4	9	1	—	1·7	72	q. early. ▲⁰ 11 h. Fine evening.
24	1005·0	1008·6	74·4	74·0	n77	74	0·8	0·6	5·9	5·9	85	89	247	2	315	4	9	5	—	1·8	70	Dull and cold a. Fine evening.
25	1010·4	1020·2	75·3	74·4	n77	73	1·3	1·2	5·8	5·4	79	79	293	4	293	4	4	2	—	2·7	70	Fine.
26	1023·8	1015·4	73·1	77·2	n77	n72	0·9	1·2	4·8	6·9	78	83	247	4	203	5	3	10	2·4	1·9	n66	⌴ a. Sunny. o. from 13 h.
27	1007·8	1008·7	82·6	79·4	83	77	0·4	1·4	11·3	7·8	95	81	247	4	225	3	10	8	3·7	—	76	● early. o.
28	1001·4	1003·6	84·2	82·1	85	80	1·3	0·2	11·1	11·2	94	98	225	6	225	3	10	10●	3·1	—	76	● early. o. ● evening.
29	997·9	1000·2	83·5	79·2	85	79	0·5	1·1	11·8	8·0	94	85	247	5	247	4	10	2	0·3	—	76	● a. Dull and overcast.
30	996·2	991·9	77·1	78·4	80	76	0·6	0·3	7·4	8·6	91	96	203	4	225	2	3	10●	5·6	0·9	72	Bright a. c. ● from 16 h.
31	1006·6	1018·1	75·3	76·2	82	75	0·7	1·2	6·4	6·3	88	82	360	5	23	3	5	8	—	1·1	73	Bright a. Dull.
Mean	1009·3	1010·2	79·8	79·4	82·4	77·3	0·7	0·9	9·2	8·7	91	88	3·9		3·7		8·5	7·8	76·1	0·71	74·5	
Mean Pressure at Station Level.	989·2	990·0																				

CAMBRIDGE, a.—DECEMBER 1918.

Heights above Mean Sea Level :—Rain-gauge Site, H = 12·8 m. ; Barometer, H_b = 13·1 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·30 m. Lat. 52° 12′ N. Long. 0° 8′ E. *Time*, Greenwich mean time.

	8 h.	20 h.	8 h.	20 h.			8 h.	20 h.	8 h.	20 h.	8 h.	20 h.	8 h.		20 h.		8 h.	20 h.	8 h.			
1	1021·8	1021·1	79·2	82·9	83	75	0·0	0·3	9·5	11·5	100	96	180	3	203	2	10●	0⌓	2·8	—	72	● a. o. ⌓ n.
2	1020·1	1014·5	82·3	84·5	85	82	0·6	0·9	10·8	11·9	93	88	225	1	225	4	5⌓	10	4·3	1·1	78	Sunny a., then o.
3	1007·7	1014·2	85·5	79·4	x88	80	0·4	0·0	13·9	9·5	96	100	225	2	180	1	10	0⌓	—	0·4	79	● early. c. ⌓ n.
4	1016·0	1018·7	84·9	83·6	86	79	0·0	0·0	13·9	12·5	100	100	203	1	180	1	10⌓	10●⁰	1·0	—	75	⌓ early. o. ●⁰ n.
5	1016·0	1014·9	83·3	81·5	85	81	0·4	0·1	11·9	10·8	95	99	180	2	180	1	10⌓⌓	3⌓	—	—	80	o. ⌓ n.
6	1008·4	1007·2	82·2	82·3	84	81	0·0	0·3	11·5	11·2	100	96	180	2	225	1	10⌓⌓⌓	10●⁰	0·4	—	76	o. ●⁰ n.
7	1010·3	1009·1	80·2	79·1	84	79	0·0	0·2	10·2	9·1	100	97	225	1	180	2	9⌓⌓	0⌓⌓	—	4·7	75	o. early. Fine. ⌓ n.
8	1010·2	1013·5	80·2	82·6	83	78	0·4	0·2	9·5	11·5	94	98	135	1	180	1	9⌓⌓⌓	10⌓⌓⌓	—	—	74	o.
9	1017·8	1015·4	75·9	81·2	83	76	0·0	0·4	7·4	10·2	100	95	247	1	180	2	1⌓⌓⌓	9⌓⌓⌓	0·6	1·6	73	Fine a. c. to o.
10	1011·7	1013·7	82·4	79·7	84	80	0·0	1·0	11·9	8·5	100	86	180	2	270	2	10●⁰⌓	0⌓⌓	5·1	0·2	72	● most of day.
11	1010·9	1013·9	80·1	82·2	84	76	0·2	0·1	9·8	11·5	98	98	180	1	270	1	10	10	1·9	—	74	● a. o.
12	1011·9	1012·9	84·6	83·0	87	79	0·2	0·6	13·2	11·2	98	93	270	3	225	2	10●⁰	7⊍⌓	—	—	76	●⁰ early. o. ⊍ n. ⌓
13	1015·7	1018·9	85·8	86·3	87	x83	0·6	0·7	13·5	13·9	93	91	225	5	247	4	10⌓	10	2·9	0·5	79	Mostly o. ●⁰ n.
14	1021·8	1027·2	83·7	77·6	86	77	0·1	0·0	12·9	8·5	99	100	225	1	—	0	10	0≡⌓	2·0	—	79	●⁰ a. ≡ ⌓ n.
15	1022·7	1016·8	84·1	84·3	85	77	0·4	0·7	12·5	12·2	95	91	180	2	225	4	10⌓	10	2·0	—	74	o. ● n.
16	1014·9	1013·4	79·4	79·1	85	79	0·8	0·6	8·5	8·8	88	92	270	1	270	3	5	7	—	3·0	77	Sunny.
17	1014·0	1016·9	74·9	73·8	80	74	0·0	0·0	7·1	6·4	100	100	270	1	—	0	0⌴	5⌴	2·4	3·5	71	Bright and cool. c. n.
18	998·7	987·2	78·2	77·9	80	72	0·2	0·0	8·5	8·8	98	100	247	3	315	2	0	9	x7·2	0·3	70	● early. o. most of day. ● evening.
19	989·0	986·9	76·3	79·7	80	76	0·4	1·0	7·1	8·5	93	86	270	4	270	4	8	8	1·2	3·3	73	● a., then sunny to o.
20	1000·2	1010·5	74·7	72·6	80	72	0·4	0·0	6·4	6·1	93	100	270	1	315	1	9⌴	0⌴	—	2·8	71	⌴ early. Fine, but cool.
21	1016·4	1011·1	72·7	74·3	n76	71	0·0	0·1	6·1	6·8	100	98	270	1	—	0	2⌴	10⌓	—	—	69	⌴ early. o. Cold and raw.
22	1008·1	993·9	76·3	84·1	84	74	0·4	0·6	7·1	12·2	93	93	113	1	225	4	10	9	6·4	—	70	● most of day.
23	989·6	1002·5	80·3	75·9	84	76	1·2	1·2	8·5	6·1	84	n82	270	5	225	3	4	0⌓⌓	—	1·6	76	Fine. Cool wind.
24	1004·3	1006·6	72·4	75·0	79	71	0·1	0·4	5·8	6·8	96	94	247	1	247	2	3⌴	9⌓⌓	—	2·5	69	Fine.
25	1008·5	1015·7	73·3	75·3	79	72	0·5	0·4	5·8	6·8	87	93	225	1	315	2	4⌴	0	—	3·9	68	Fine, but cool.
26	1023·3	1017·7	70·4	76·6	77	n70	0·3	0·9	4·7	6·8	90	87	225	1	225	3	2	10	2·1	4·1	n67	Beautiful day. Cool wind.
27	1008·3	1010·9	81·6	78·0	84	76	0·0	0·6	11·2	8·1	100	92	225	4	293	1	10●	3	1·1	—	n67	o. Fine n.
28	1000·7	1004·7	84·1	82·6	86	77	0·8	0·4	11·9	11·2	91	95	247	3	225	1	9	10	2·5	—	73	o. ● evening.
29	998·5	1000·7	85·2	79·7	86	80	1·1	1·2	12·2	8·1	87	83	247	4	203	1	10	10	0·2	0·6	79	●⁰ a. c.
30	999·3	992·6	77·4	78·2	81	77	0·2	0·6	8·1	8·1	98	92	247	1	180	1	4	0⌓	2·8	0·7	73	● early. o. most of day. ⌓ n.
31	1000·5	1014·8	77·7	76·0	79	76	0·2	0·2	8·1	7·4	97	96	360	4	360	1	10●⁰	0⌓⌓	4·2	—	73	● a. o.
Mean	1009·6	1010·2	79·7	79·6	83·0	76·7	0·3	0·4	9·7	9·3	95	97	2·1		1·8		7·2	5·8	53·1	1·13	73·6	
Mean Pressure at Station Level.	1008·1	1008·6																				

x denotes the maximum and *n* the minimum value in the column.

* From July 1918, this station takes the place of Shrewsbury, where the observations have been discontinued.

ARMAGH, a.c.d.—DECEMBER 1918.

Heights above Mean Sea Level :—Rain-gauge Site, $H = 59{\cdot}8$ m. ; Barometer, $H_b = 61{\cdot}6$ m. Heights above Ground :—Therms., $h_t = 1{\cdot}2$ m. Rain-gauge, $h_r = 0{\cdot}30$ m. Cups of Anemometer, $h_a = 15{\cdot}2$ m. Lat. 54° 21′ N. Long. 6° 39′ W. *Time*, Local mean time, 25 m. after Greenwich.

Day.	Air Pressure at Mean Sea Level.		Air Temperature in Degrees Absolute.				Humidity. Depression of Wet Bulb.		Humidity. Vapour Pressure.		Humidity. Percentage.		Wind. Veer from North and Force or Speed.				Cloud Amount and Weather.		Rain 24 h. beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.		9 h.	21 h.				
	millibar.		a. 200 +	a. 200 +	a. 200 +	a. 200 +	°	°	millibar.		%	%	°	m/s.	°	m/s.	Tenths of Sky covered.		mm.	hr.	a. 200 +	
1	1012·8	1013·2	85·8	85·2	x86	82	0·4	0·2	13·8	13·7	94	98	225	5	202	4	10	10●	1·4	—	82	Dull and damp. ● *n.*
2	1008·4	1002·4	84·5	84·1	x86	x83	0·4	0·2	12·7	12·9	94	98	180	7	180	4	10●	10	6·6	0·2	83	● till 13 h. c.
3	1002·4	1005·7	84·6	85·0	x86	x83	0·4	1·1	12·8	12·1	95	86	225	5	180	5	10●	10	—	—	82	●*n.* o.
4	1004·4	1009·8	85·2	81·4	x86	81	0·7	0·8	12·8	9·8	91	90	180	9	180	4	10●⁰	3●	3·4	0·2	84	o., with ● showers.
5	1002·7	1003·7	83·4	82·4	84	81	1·0	1·1	11·0	10·1	88	86	180	5	158	2	2●	8	0·8	1·0	79	● showers early. c.
6	995·2	1000·0	84·1	81·6	85	81	0·3	1·3	12·7	9·2	97	83	158	7	202	7	10●	10	1·0	0·4	81	Dull. ●⁰. c.
7	999·6	993·2	80·4	83·2	84	78	0·9	0·5	9·0	11·6	89	94	180	7	158	10	5	9●	2·6	—	76	c. to ●. Ш *n.*
8	1002·7	1009·8	80·6	78·2	84	78	0·9	0·5	9·1	8·2	88	93	225	5	202	4	2	0	0·1	2·5	79	Fine. o. afternoon.
9	1008·4	1006·1	81·6	79·6	84	77	0·8	1·1	9·8	8·3	89	85	180	7	202	5	10	0	2·7	2·7	76	Dull morning. Fine afternoon.
10	1006·8	1009·5	77·1	77·7	81	77	0·2	0·9	7·9	4·0	97	87	—	1	202	2	9	3	3·0	4·6	76	Dull morning. Bright.
11	1004·7	1007·4	80·4	81·2	83	77	0·3	0·4	9·9	10·2	97	94	113	4	180	5	4	10●	1·2	1·1	75	Dull. ●⁰.
12	1005·1	1008·8	82·9	82·4	85	81	1·3	0·4	10·2	11·1	85	95	225	5	202	2	4	10●	3·8	2·6	81	Fine, cool, breezy. ● *n.*
13	1007·4	1012·8	85·8	82·0	x86	82	0·3	0·9	14·2	10·0	97	89	202	8	225	6	10●	5	0·3	0·5	81	● *a.* c.
14	1018·6	1023·0	79·3	79·3	82	79	0·9	1·1	8·4	8·1	88	84	225	4	202	4	3	9	—	5·6	77	Fine and bright.
15	1016·9	1014·5	77·7	74·5	80	74	0·6	0·1	7·8	6·7	92	98	—	1	—	1	10	0	0·3	—	76	c. to o. ≡. Clear *n.*
16	1009·8	1011·5	77·1	77·9	79	74	0·6	0·6	7·4	7·9	91	92	225	5	270	3	9●	5●	4·6	0·3	71	Raw, cold. ●² showers.
17	1017·3	996·6	75·1	78·0	79	75	0·2	0·6	6·9	7·9	97	91	248	2	180	10	1	10●	5·7	2·2	72	Cold. ● *p.*
18	992·9	985·8	76·9	74·3	80	74	0·4	0·2	7·5	6·5	94	97	225	5	225	3	9●	10●	4·1	2·2	75	Cold, with ● showers all day.
19	979·3	997·3	77·9	76·3	80	74	0·6	0·3	8·0	7·3	92	95	225	8	248	2	10●	10●	1·5	0·8	71	Cold, with ● showers all day.
20	1007·4	1016·2	74·6	74·4	80	74	1·0	0·8	5·6	5·9	n82	86	293	3	270	2	5	7	—	5·7	70	Fine.
21	1013·2	1006·1	73·1	76·8	n77	n72	0·5	0·6	5·4	7·3	88	92	—	0	—	1	10	10●	3·1	—	71	o. ● *p.*
22	996·9	985·8	79·9	80·2	84	76	0·3	0·7	9·4	9·1	95	92	158	4	225	7	10●	10●	5·7	—	75	●
23	996·6	1005·7	74·9	75·0	81	75	1·1	0·8	5·7	6·1	n82	86	338	3	225	2	2	3●	0·5	1·7	72	Cold, with ● showers.
24	1004·7	1010·5	73·8	73·7	n77	n72	0·3	0·4	6·2	5·9	94	91	225	2	315	2	3	5	0·8	4·4	71	✳ showers before 9 h. ~ Ш 18 h.–
25	1016·2	1022·3	74·2	74·3	79	n72	0·3	0·4	6·4	6·2	95	92	270	3	—	1	2	5	—	4·8	70	✳ showers before 9 h. [22 h.
26	1015·6	1003·4	74·9	82·4	82	74	0·6	0·1	6·3	11·5	90	99	202	7	202	7	10	10●	1·3	—	71	Warm. ●⁰.
27	1006·1	999·0	78·9	79·9	84	79	1·1	0·3	7·9	9·5	85	96	270	3	202	5	10	10●	9·5	—	77	Dull. ● *n.*
28	1001·3	998·6	81·3	80·4	84	80	0·6	0·2	10·1	9·8	93	94	293	3	113	2	9	10●	x19·6	—	79	●².
29	992·9	993·9	83·2	77·1	84	77	0·2	0·7	12·1	7·3	97	90	225	5	225	5	10●	1	4·5	2·6	80	●² *a.* Fine from noon.
30	987·8	1003·4	78·8	75·7	80	75	0·0	0·7	9·1	6·5	100	90	—	1	360	3	10≡	0	0·8	—	75	≡²●² *a.* Clear and cold.
31	1013·9	1015·9	73·7	74·8	79	n72	0·8	0·4	5·5	6·5	85	94	360	2	—	1	2	10	1·3	4·2	n67	Clear to dull and o. Milder.
Mean	1004·8	1005·5	79·4	79·0	82·2	77·1	0·6	0·6	9·1	8·7	92	92		4·4		3·9	7·1	6·9	90·2	1·61	76·0	
Mean Pressure at Station Level.	997·3	998·0																				

DUBLIN (PHŒNIX PARK), a.c.—DECEMBER 1918.

Heights above Mean Sea Level :—Rain-gauge Site, $H = 47{\cdot}3$ m. ; Barometer, $H_b = 48{\cdot}5$ m. Heights above Ground :—Therms., $h_t = 1{\cdot}2$ m. Rain-gauge, $h_r = 0{\cdot}30$ m. Lat. 53° 22′ N. Long. 6° 21′ W. *Time*, Local mean time, 25 m. after Greenwich.

Day.	Air Pressure at Mean Sea Level. 9 h.	21 h.	Air Temperature 9 h.	21 h.	Max.	Min.	Depression of Wet Bulb 9 h.	21 h.	Vapour Pressure 9 h.	21 h.	Percentage 9 h.	21 h.	Wind 9 h. °	0–12	Wind 21 h. °	0–12	Cloud 9 h.	21 h.	Rain	Sunshine	Min. Temp. on Grass	Remarks
1	1014·5	1015·2	86·4	86·8	87	77	0·9	1·0	13·9	13·9	90	88	225	2	225	4	4	10	0·7	1·4	75	Fine *a.*, then c.
2	1010·5	1003·4	84·7	85·2	87	x85	1·2	0·8	11·5	12·9	85	90	225	5	225	5	10	10●	7·1	1·5	81	o., with ● showers.
3	1004·7	1005·4	85·2	85·6	x88	84	1·2	1·4	12·2	11·9	87	83	225	5	225	3	8	10	—	1·3	81	●² *a.* c.
4	1007·1	*1011·2*	86·2	84·2	87	82	1·1	0·9	13·2	11·9	87	89	180	6	225	4	9	9	0·3	2·2	79	c.
5	1005·4	1002·4	84·1	84·2	86	81	1·1	0·9	11·5	11·9	86	89	225	5	225	2	7	8	0·5	1·1	75	●⁰ showers *a.* c.
6	997·3	1003·7	85·2	81·8	86	80	0·7	1·6	12·9	8·8	92	n80	—	0	225	2	9	9	—	1·1	77	o.
7	1001·7	*995·6*	83·1	82·7	85	79	0·6	1·1	11·5	10·5	93	88	225	5	225	1	10	10	0·1	—	73	o.
8	1004·4	*1011·5*	81·3	79·7	83	79	0·4	0·8	10·2	8·8	94	89	225	1	—	0	6	7	0·2	4·6	77	Fine.
9	1007·8	1008·1	82·4	79·6	85	76	0·6	1·0	10·8	8·5	93	86	135	2	225	2	10	0	3·2	3·6	69	Fine.
10	1007·8	1010·5	78·6	78·3	82	77	0·9	0·8	7·8	7·8	87	90	225	2	—	0	8	5	1·1	5·2	71	Fine.
11	1005·7	1009·5	82·3	83·7	84	78	0·7	0·2	10·8	12·5	91	98	225	3	225	3	10●	10●	1·3	0·9	73	o., with ●.
12	1007·4	1010·5	84·0	85·2	86	83	1·0	0·6	11·5	13·2	87	93	225	6	225	5	9	10●	3·7	3·7	80	Fine. ● showers *p.*
13	1010·8	1015·9	86·9	81·9	x88	82	1·1	0·6	13·9	10·5	87	93	225	6	225	3	9	3	—	1·8	81	c.
14	1021·0	1024·4	80·8	76·2	83	75	1·1	0·5	9·1	7·1	86	93	180	2	—	0	0	7	8·2	4·6	76	Fine.
15	1016·2	1014·5	80·2	78·1	81	76	0·2	0·7	9·8	7·8	97	91	—	0	225	1	10●	8	x15·9	—	71	o., with ●² *a.* and *p.*
16	1013·2	1013·5	78·2	77·3	81	76	0·7	0·5	7·8	7·8	91	93	225	4	—	0	7	6	0·7	3·8	72	Fine.
17	1018·6	999·3	75·8	79·7	80	75	0·2	0·7	7·1	8·8	96	89	225	2	225	7	4	10●	2·6	3·5	72	● showers *a.* and *p.* Fine.
18	994·9	988·5	78·9	76·6	81	76	0·9	0·8	8·1	6·8	87	88	225	4	225	5	9	9	4·6	0·9	74	c., with ●² showers.
19	984·7	998·6	78·4	76·1	81	74	0·5	0·4	8·5	7·1	93	93	225	6	—	0	7	6	0·2	0·8	71	c.
20	1008·8	1017·3	75·3	73·0	80	72	0·7	0·4	6·4	5·4	89	89	225	3	—	0	0	4	—	4·8	70	Fine.
21	1013·2	1004·7	72·2	74·4	80	n71	0·1	0·4	5·8	6·4	97	93	—	0	135	3	10	10●	4·1	—	67	o., with ● *p.*
22	997·9	989·8	81·8	81·3	85	74	0·3	1·1	10·8	9·1	95	86	180	2	225	7	10●	10	5·3	0·5	72	o., with ● *a.* and *p.*
23	997·6	1004·0	76·7	75·7	82	75	1·0	0·3	6·8	7·1	86	96	—	0	135	2	0	9	—	5·2	72	Fine.
24	1006·1	1010·5	74·1	73·0	n76	73	0·1	0·1	6·4	6·1	99	97	135	3	—	0	7	0	—	1·7	70	c.
25	1017·3	1023·3	73·4	73·5	77	n71	0·1	0·1	6·1	6·1	98	98	225	3	225	3	5	7	0·2	2·1	71	c.
26	1017·9	1006·8	78·0	76·7	84	n71	1·0	0·4	7·4	7·4	86	94	225	5	225	3	10	10●	0·8	—	n66	o., with ●⁰ *a.* and *p.*
27	1008·8	1001·3	80·3	81·1	81	74	0·6	0·3	9·5	10·2	93	96	225	4	225	6	10	10	4·2	—	71	o., with ● *p.*
28	1002·7	1000·0	83·9	83·9	85	81	0·4	0·3	12·2	12·5	95	96	225	5	225	6	10	10●	8·6	0·2	78	o., with ● *a.* and ●² *p.*
29	995·6	996·9	83·5	78·8	85	79	1·1	0·3	10·8	8·8	87	95	225	6	225	2	10	3	0·2	3·3	80	● *a.* c.
30	986·4	1001·7	79·8	78·0	80	77	0·2	1·0	9·5	7·4	97	86	225	5	270	5	10●	6	0·8	—	74	o., with ● *a.* and *p.*
31	1013·5	1016·9	74·2	71·6	78	n71	0·3	0·2	6·4	5·4	94	95	315	2	—	0	1	4	1·7	6·4	68	Fine.
Mean	1006·4	1007·0	80·5	79·5	83·1	76·9	0·7	0·7	9·7	9·0	91	91		3·4		2·7	7·4	7·4	76·3	2·13	73·8	
Mean Pressure at Station Level.	1000·5	1001·0																				

x denotes the maximum and *n* the minimum value in the column.

METEOROLOGICAL OFFICE, LONDON,
February 22nd, 1919.

METEOROLOGICAL OFFICE.

METEOROLOGICAL OBSERVATIONS AT STATIONS OF THE FIRST AND SECOND ORDERS, 1918.

ANNUAL SUPPLEMENT.

MONTHLY AND YEARLY SUMMARIES FOR ELEVEN STATIONS

OF

Pressure, Temperature, Humidity, Rainfall, Bright Sunshine, Amount of Cloud, Days of Weather, and Observations of Wind Force and Direction.

LERWICK (FORT CHARLOTTE AND ANDER HILL), SHETLANDS, a.

Lat. 60° 9′ N. Long. 1° 8′ W. Heights above Mean Sea Level : Rain-gauge Site, $H = 50$ ft. ; $H_b = 59$ ft. till May 17th, then $H = 468$ ft. ; $H_b = 483$ ft.

1918.	Mean Air Pressure. Station Level.	Mean Air Pressure. Mean Sea Level.	Air Temperature 7 h.	13 h.	21 h.	Means of Max.	Means of Min.	Max. and Min. combined.	Absolute Extremes. Highest Max.	Day.	Lowest Min.	Day.	Lowest Max.	Day.	Highest Min.	Day.	Depression of Wet Bulb. 7 h.	13 h.	21 h.	Vapour Pressure. 7 h.	13 h.	21 h.	Percentage. 7 h.	13 h.	21 h.	Earth Temp. At 1 foot.	At 4 feet.
	mb.	mb.	°F.	°F.	°F.	°F.	°F.	°F.	°F.		°F.		°F.		°F.		°F.	°F.	°F.	mb.	mb.	mb.	%	%	%	°F.	°F.
Jan.	—	05·3	34·8	35·3	34·9	40·5	29·1	34·8	50	24th	16	14th	25	8th	43	26th	1·4	1·6	1·4	5·9	6·0	6·0	86	85	87	...	...
Feb.	—	08·1	41·0	41·9	41·3	43·4	37·5	40·5	48	22, 23, 25	30	28th	37	28th	42	1, 2	1·9	2·1	1·7	7·3	7·5	7·6	85	85	87	...	...
March	—	16·7	40·5	42·8	41·3	44·0	37·0	40·5	50	23rd	30	1st	38	28th	44	22, 23	1·7	2·6	1·8	7·3	7·4	7·5	86	80	86	...	...
April	—	18·0	41·4	44·1	41·2	44·7	37·4	41·1	56	26th	29	18th	35	13th	43	23rd	1·2	1·8	0·9	8·0	8·4	8·1	91	85	93	...	...
May	—	18·8	46·9	49·1	45·9	50·5	43·3	46·9	56	17th	35	1st	47	2, 10-12, 31	47	17, 20, 21, 29	1·4	2·3	0·7	9·8	9·9	9·8	91	84	94	...	...
June	—	12·7	46·6	48·7	46·1	51·1	43·4	47·3	55	7th	39	17th	46	24th	47	7, 10	1·2	1·8	0·9	9·8	10·2	9·8	92	87	93	...	...
July	—	12·4	50·0	52·7	49·9	54·9	46·6	50·8	62	17, 20	41	2nd	51	21, 28	50	18–20	1·0	1·6	0·5	11·3	12·0	11·7	93	89	97	...	...
Aug.	—	11·4	51·1	54·1	51·3	55·3	48·1	51·7	61	9th	41	31st	49	31st	53	12th	1·0	1·7	0·7	11·9	12·5	12·2	93	88	95	...	...
Sept.	—	99·5	45·0	47·3	45·1	49·0	40·6	44·8	53	2, 7, 8	32	14, 16	42	30th	46	8, 19, 23	1·2	1·6	1·1	9·1	9·7	9·2	91	89	91	...	...
Oct.	—	07·2	45·0	47·1	45·4	48·3	41·1	44·7	52	9th	35	1st	44	20, 23	46	3rd	0·8	1·2	0·9	9·5	10·0	9·6	94	91	94	...	...
Nov.	—	09·4	43·6	44·2	43·5	45·7	38·7	42·2	49	2nd	29	9th	38	11th	44	3rd	0·8	0·9	0·8	9·0	9·1	8·9	93	93	94	...	...
Dec.	—	00·4	40·5	40·7	40·7	42·6	36·7	39·7	49	4th	29	31st	35	31st	44	3rd	0·6	0·7	0·6	8·1	8·1	8·1	95	94	95	...	...
Year.	—	10·0	43·9	45·7	43·9	47·5	40·0	43·8	62	...	16	...	25	...	8	...	1·2	1·7	1·0	8·9	9·2	9·0	91	88	92	...	...

LERWICK (FORT CHARLOTTE AND ANDER HILL), SHETLANDS, a.

Heights above Ground : $h_t = 4$ ft. ; $h_r = 9$ ins. Observations at 7 h., 13 h., 21 h. Temps. for 24 hours ending 7 h. Time G.M.T.

1918.	Rainfall. Total.		Max.	Day.	Bright Sunshine. Daily Mean.	Total.	Per cent.	Amount of Cloud, 0—10. 7 h.	13 h.	21 h.	Number of Days of Clear Sky.	Overcast.	Weather, Number of Days of Precipitation.	Precipitation 0·04 or more.	Snow.	Snow lying.	Hail.	Thunder Storm.	Fog.	Ground Frost.	Gale. Force 8 or more.	Wind Force 8 and above.	Strong Wind (4—7).	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	in.	mm.	mm.		hr.	hr.	%																									
Jan.	4·24	108	21	13th	...	...	...	8·5	8·2	8·5	0	19	29	23	18	20	0	0	1	...	2	3	54	3	12	7	3	4	20	13	10	21
Feb.	4·72	120	25	18th	...	...	...	8·5	8·3	8·0	0	13	24	17	2	0	2	0	4	...	8	9	46	0	2	4	1	5	34	18	15	5
March	2·10	53	10	21st	...	...	...	8·5	8·0	8·4	0	15	22	13	3	2	0	0	6	...	0	0	52	3	4	6	3	17	27	18	14	1
April	1·66	42	9	22nd	...	...	...	7·6	8·0	7·6	1	17	13	13	2	0	0	0	2	...	0	0	38	6	17	17	4	10	20	7	6	3
May	0·94	24	6	11th	...	...	...	7·5	7·1	7·1	0	13	15	10	0	0	0	0	6	...	0	0	27	2	2	11	18	16	17	10	11	6
June	2·07	53	10	6th	...	...	...	8·0	8·4	8·1	0	18	23	13	0	0	0	0	6	...	2	0	50	0	16	7	1	6	10	8	10	32
July	2·70	68	22	18th	...	...	...	8·6	7·3	8·2	0	17	16	9	0	0	0	0	14	...	4	2	63	3	9	18	26	14	5	4	7	7
Aug.	3·47	88	28	22nd	...	...	...	8·7	7·5	8·9	0	17	21	17	0	0	0	0	15	...	6	5	63	3	9	13	15	5	9	6	23	10
Sept.	3·36	85	11	8th	...	...	...	7·0	7·1	7·7	0	10	24	14	1	0	2	0	5	...	7	4	72	0	13	10	7	4	10	3	13	30
Oct.	3·72	95	11	24th	...	...	...	8·4	7·7	8·1	0	16	25	21	0	0	0	0	6	...	13	13	64	0	10	8	5	11	21	7	18	13
Nov.	3·21	82	12	5th	...	...	...	8·8	7·9	8·1	0	16	25	16	0	0	4	0	6	...	3	22	57	1	2	0	3	17	23	16	11	17
Dec.	4·30	109	15	12th	...	...	...	7·2	7·3	7·6	0	11	27	18	5	0	5	1	6	...	16	17	65	0	14	4	12	21	10	8	10	14
Year	36·49	927	28	...	...	...	...	8·1	7·7	8·0	1	182	264	184	31	22	13	1	77	...	61	75	651	21	110	105	98	130	206	118	148	159

Wind, Number of Observations referred to a total of 93, 90, or 84 for the Month (columns Calm. to N.W.).

In the column for pressure at station level the first figure is omitted if it is a 1 ; for pressure at sea level the initial 9 or 10 is omitted.

Wt. 1559/478—250—4/19.—N. & Co., Ltd. Gp. XV.

CASTLEBAY, HEBRIDES.

Lat. 56° 57′ N. Long. 7° 29′ W. Heights above Mean Sea Level : Rain-gauge Site, H = 37 ft. ; H_b = 48 ft.

1918.	Mean Air Pressure.		Air Temperature in Degrees Fahrenheit.														Humidity.									Earth Temp.	
	Station Level.	Mean Sea Level.	7 h.	13 h.	21 h.	Means of		Max. and Min. combined.	Absolute Extremes.								Depression of Wet Bulb.			Vapour Pressure.			Percentage.			At 1 foot.	At 4 feet.
						Max.	Min.		Highest Max.	Day.	Lowest Min.	Day.	Lowest Max.	Day.	Highest Min.	Day.	7 h.	13 h.	21 h.	7 h.	13 h.	21 h.	7 h.	13 h.	21 h.		
	mb.	mb.	°F.	°F.	°F.	°F.	°F.	°F.	°F.		°F.		°F.		°F.		°F.	°F.	°F.	mb.	mb.	mb.	%	%	%	°F.	°F.
Jan.	006·3	08·0	40·4	40·9	40·7	43·4	36·6	40·0	50	24, 28, 29	21	14th	31	7th	47	25, 27, 30	1·9	1·5	1·8	7·2	7·5	7·3	85	88	86	...	...
Feb.	008·0	09·8	44·8	45·9	44·7	47·2	42·0	44·6	55	13th	30	28th	37	28th	48	23rd	1·8	2·2	1·9	8·7	8·8	8·6	86	85	86	...	...
March	013·4	15·0	43·1	44·9	44·0	46·5	40·8	43·7	52	23rd	31	1st	39	3rd	48	21st	1·6	2·1	1·8	8·2	8·5	8·4	87	85	86	...	...
April	015·6	17·2	44·6	48·2	45·6	50·3	42·0	46·2	62	26th	35	14, 15	41	14th	49	26th	2·7	3·7	2·7	8·0	8·5	8·3	80	75	81	...	...
May	014·6	16·2	49·6	51·8	50·6	54·0	47·9	51·0	58	7, 21	41	1st	47	1st	51	19, 20, 23, 27, 29	1·7	2·6	2·1	10·6	10·8	10·7	88	82	86	...	...
June	015·2	16·9	51·9	53·9	51·6	56·0	49·3	52·7	65	3rd	45	15, 22, 25	52	14, 17	56	6th	2·0	2·3	2·0	11·3	11·9	11·2	87	85	86	...	...
July	008·8	10·3	54·6	56·8	55·4	59·1	52·3	55·7	69	31st	47	9th	55	12th	57	30, 31	1·9	2·7	2·1	12·6	13·0	12·8	88	83	87	...	...
Aug.	009·9	11·6	56·2	57·6	56·1	59·7	54·1	56·9	72	1st	48	31st	54	31st	60	1st	2·1	2·2	2·2	13·2	13·9	13·1	87	85	85	...	...
Sept.	999·9	01·5	49·3	52·0	49·7	53·8	46·9	50·4	58	2nd	42	30th	49	15, 29, 30	51	2nd	2·6	3·5	3·2	9·8	10·1	9·4	84	77	79	...	...
Oct.	006·9	08·5	49·2	50·2	49·1	52·3	46·1	49·2	58	19th	40	13th	49	7, 12, 25	53	20th	2·1	2·4	1·9	10·1	10·3	10·3	86	84	86	...	...
Nov.	008·3	10·0	46·5	47·4	47·0	49·1	43·4	46·3	53	2nd	38	6, 12, 24	46	5, 8, 17	47	14–16, 21, 22	2·1	2·3	2·0	9·1	9·2	9·3	85	84	86	...	...
Dec.	999·7	01·5	45·3	45·6	45·2	47·8	41·8	44·8	54	3rd	33	23rd	42	22-24, 29, 30	50	4th	2·0	1·9	2·1	8·7	8·9	8·6	85	86	85	...	...
Year	008·9	10·5	48·0	49·6	48·3	51·6	45·3	48·5	72	...	21	...	31	...	60	...	2·0	2·5	2·2	9·8	10·1	9·8	86	83	85	...	...

ABERDEEN OBSERVATORY,* a, e.

Lat. 57° 10′ N. Long. 2° 6′ W. Heights above Mean Sea Level : Rain-gauge Site, H = 46 ft. ; H_b = 88 ft.

			9 h.	15 h.	21 h.												9 h.	15 h.	21 h.	9 h.	15 h.	21 h.	9 h.	15 h.	21 h.		
Jan.	005·1	08·4	35·2	37·4	36·1	40·5	31·8	36·2	52	24th	17	14th	24	8th	46	26th	1·6	2·0	1·6	6·0	7·0	6·2	79	80	80	...	39·3
Feb.	009·0	12·3	41·2	44·2	41·5	45·9	38·5	42·2	59	23rd	33	28th	38	28th	45	23rd	2·2	3·4	2·3	7·3	7·5	7·3	83	76	82	...	40·5
March	014·3	17·6	41·2	44·6	41·2	46·0	36·9	41·5	62	22nd	32	2nd	37	3rd	46	22nd	2·4	3·4	2·4	7·2	7·7	7·3	82	77	83	...	41·0
April	014·9	18·1	43·0	43·9	41·0	45·9	37·2	41·6	53	26th	30	16th	39	18th	42	23rd	3·3	3·4	2·3	7·3	7·4	7·2	77	75	82	...	43·2
May	014·9	18·1	52·3	53·4	49·6	55·9	45·1	50·5	71	29th	33	1st	44	1st	53	24th	3·9	4·3	2·7	10·1	10·3	9·9	76	75	82	...	47·2
June	012·1	15·3	53·8	56·1	52·0	59·0	47·1	53·1	74	30th	42	17th	51	25th	52	8, 30	5·2	5·6	3·6	9·7	10·5	10·2	70	69	77	...	52·1
July	007·9	11·0	56·5	57·4	54·5	60·3	50·4	55·4	68	19th	42	10th	53	11th	56	19th	3·4	3·4	2·3	12·3	12·8	12·3	80	80	85	...	53·8
Aug.	008·7	11·8	58·1	60·6	55·9	62·8	52·5	57·7	71	11th	44	31st	54	31st	56	14th	3·8	4·5	2·3	12·8	13·4	12·9	78	75	85	...	55·2
Sept.	997·8	01·1	49·3	52·5	47·7	54·1	43·2	48·7	58	2, 7, 8, 9	34	15th	47	30th	49	17th	3·4	4·8	2·4	9·2	9·5	9·4	77	70	83	...	52·5
Oct.	006·6	09·8	47·8	50·5	48·0	52·2	43·7	48·0	59	9th	35	13th	47	26th	52	3rd	2·5	3·7	2·1	9·4	9·4	9·6	82	75	84	...	49·0
Nov.	009·6	12·9	40·5	44·1	41·5	45·9	37·2	41·6	54	2nd	29	13th	39	13, 17	49	2nd	1·8	2·4	2·1	7·4	8·1	7·5	85	82	84	...	45·7
Dec.	999·7	03·0	40·1	41·9	40·6	44·2	37·4	40·8	54	1st	30	22nd	36	19th	47	2nd	1·4	2·0	1·9	7·5	7·8	7·4	86	84	84	...	42·7
Year	008·4	11·6	46·6	48·9	45·8	51·1	41·8	46·5	74	...	17	...	24	...	56	...	2·9	3·6	2·3	8·9	9·3	8·9	80	77	83	...	46·9

ESKDALEMUIR OBSERVATORY, DUMFRIESSHIRE.*

Lat. 55° 19′ N. Long. 3° 12′ W. Heights above Mean Sea Level : Rain-gauge Site, H = 799 ft. ; H_b = 778 ft.

			9 h.	15 h.	21 h.												9 h.	15 h.	21 h.	9 h.	15 h.	21 h.	9 h.	15 h.	21 h.		
Jan.	981·7	11·0	32·7	36·0	34·2	38·8	28·0	33·4	49	31st	−1	14th	22	8th	43	24th	0·7	1·3	1·1	6·1	6·5	6·1	89	86	85	...	...
Feb.	986·2	15·4	39·7	42·1	40·1	44·1	36·3	40·2	53	23rd	28	28th	34	28th	45	23rd	1·0	1·8	1·3	7·6	7·9	7·6	90	86	89	...	...
March	988·5	17·8	37·6	42·4	37·0	43·5	31·6	37·6	56	24th	19	26th	33	3rd	40	21st	1·5	3·0	1·2	6·7	7·3	6·7	87	79	89	...	...
April	988·0	17·0	41·5	46·9	37·8	48·9	32·7	40·8	64	27th	24	3rd	41	18th	42	24th	3·2	5·5	2·2	6·8	7·1	6·3	76	66	81	...	...
May	989·1	17·6	52·0	56·3	47·8	58·8	40·3	49·6	78	22nd	30	1st	43	1st	53	24th	4·0	5·6	2·1	10·1	10·6	9·6	76	70	85	...	...
June	988·6	16·9	53·1	57·6	49·6	59·9	40·5	50·2	74	1st	32	25th	52	9th	48	28th	4·9	6·2	2·7	9·7	10·7	9·9	71	67	81	...	...
July	983·4	11·4	56·1	59·7	52·7	62·6	45·1	53·9	73	30th	33	10th	56	10th	54	16th	3·6	5·4	1·8	11·9	12·1	11·9	78	70	88	...	...
Aug.	985·4	13·6	56·1	59·4	53·4	62·1	48·0	55·1	68	7th	38	24th	54	31st	55	21st	2·5	3·5	1·6	12·9	13·6	12·4	85	79	89	...	...
Sept.	974·6	03·0	47·5	50·7	44·8	53·6	39·4	46·5	64	6th	30	14th	43	15th	49	17th	2·5	3·6	1·5	9·2	9·7	9·0	82	78	88	...	...
Oct.	983·4	12·0	44·8	48·0	44·4	50·0	39·0	44·5	56	9th	25	13th	45	24th	48	29th	1·5	2·5	1·2	9·1	9·5	9·1	89	83	90	...	...
Nov.	985·8	15·2	36·1	41·5	36·0	43·9	29·7	36·8	53	2nd	15	19th	36	19th	43	2, 10	0·9	1·9	0·9	6·8	7·6	6·6	91	85	89	...	...
Dec.	976·5	05·5	38·3	40·3	38·8	43·0	34·2	38·6	52	3, 13	19	20, 26	30	21st	47	2, 3	0·9	1·5	1·0	7·5	7·7	7·5	90	88	89	...	...
Year	984·3	13·0	44·6	48·4	43·1	50·8	37·1	44·0	78	...	−1	...	22	...	55	...	2·3	3·5	1·6	8·7	9·2	8·6	84	78	87	...	...

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* The Hygrometrical Results are obtained from the Daily Values.

In the column for pressure at station level the first figure is omitted if it is a 1 ; for pressure at sea level the initial 9 or 10 is omitted.

CASTLEBAY, HEBRIDES.

Heights above Ground : h_t = 4 ft. ; h_r = 1 ft. ; h_s = 4 ft. Observations at 7 h., 13 h., 21 h. Temps. for 24 hours ending 7 h. Time G.M.T.

1918.	Rainfall.				Bright Sunshine.			Amount of Cloud, 0—10.			Number of days of		Weather, Number of Days of									Wind, Number of Observations referred to a total of 93, 90, or 84 for the month.										
	Total.		Max.	Day.	Daily Mean.	Total.	Per cent.	7 h.	13 h.	21 h.	Clear Sky.	Overcast.	Precipitation.	Precipitation 0·04 or more.	Snow.	Snow lying.	Hail.	Thunder Storm.	Fog.	Ground Frost.	Gale. Force 8 or more.	Wind Force 8 and above.	Strong Wind (4—7).	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	in.	mm.	mm.		hr.	hr.	%																									
Jan.	2·76	70	7	21st	0·71	22	10	7·6	8·3	7·3	1	17	26	17	9	2	4	0	0	...	1	0	67	2	15	9	9	14	11	6	9	18
Feb.	3·03	77	9	1, 17	1·50	42	16	7·3	8·4	7·6	0	12	25	21	3	0	6	0	0	...	0	0	66	1	4	2	3	14	15	15	22	8
March	1·09	28	9	27th	3·00	93	26	7·9	7·7	7·3	0	16	15	7	0	0	1	0	3	...	0	0	57	5	6	6	6	21	15	21	8	5
April	0·90	23	6	8th	7·00	210	50	5·4	5·7	4·2	5	7	13	4	0	0	1	0	3	...	0	0	42	7	16	18	11	8	8	2	4	16
May	1·14	29	8	10th	4·90	152	30	8·1	7·3	6·1	0	12	15	8	0	0	0	0	5	...	0	0	44	8	3	7	18	11	9	17	9	11
June	1·77	45	6	8, 15	6·10	183	35	7·1	7·2	7·5	0	15	21	13	0	0	1	0	4	...	0	0	59	4	4	3	7	5	4	6	26	31
July	3·38	86	23	9th	5·03	156	30	8·1	7·3	7·5	0	14	20	15	0	0	0	0	0	...	0	0	44	2	4	12	13	9	7	7	16	23
Aug.	3·93	100	15	22, 24	2·45	76	16	8·9	9·0	9·0	0	26	26	18	0	0	0	0	0	...	0	0	54	4	0	5	5	11	2	17	23	26
Sept.	3·02	77	13	7th	4·40	132	35	7·3	7·1	5·5	1	8	22	17	0	0	4	0	0	...	0	0	66	1	13	12	6	3	4	8	17	26
Oct.	3·13	80	8	9th	1·90	59	19	7·8	8·1	7·5	0	18	27	21	0	0	2	0	0	...	2	4	61	1	10	5	5	8	7	15	26	16
Nov.	3·20	81	19	1st	0·83	25	11	8·0	8·2	7·8	0	16	19	17	0	0	3	0	3	...	2	3	62	6	3	2	3	15	22	14	16	9
Dec.	3·98	101	15	22nd	0·61	19	9	7·5	7·6	7·3	0	10	27	21	2	0	2	0	0	...	0	0	65	2	11	4	7	13	11	12	17	16
Year.	31·33	797	23	...	3·20	1169	26	7·6	7·7	7·1	7	171	256	179	14	2	24	0	18	...	5	7	687	43	89	85	93	132	115	140	193	205

ABERDEEN OBSERVATORY, a, e.

Heights above Ground : h_t = 41 ft. ; h_r = 2 ft. ; h_s = 68 ft. ; h_a = 75 ft. Observations at 9 h., 15 h., 21 h. Temps. for 24 hours ending 24 h. Time G.M.T.

								9 h.	15 h.	21 h.																						
Jan.	2·43	62	20	22nd	1·06	33	15	7·3	7·6	6·5	1	13	19	15	14	13	1	0	1	16	0	0	25	6	5	2	1	5	23	12	19	20
Feb.	1·28	33	8	28th	2·29	64	25	6·1	7·8	6·0	3	13	17	10	2	0	1	0	0	7	1	1	24	6	2	1	2	8	35	19	10	1
March	1·60	41	14	29th	2·32	72	20	7·5	7·1	6·7	1	11	17	8	4	0	3	0	1	10	0	0	12	18	4	2	11	20	20	10	3	5
April	0·43	11	4	20th	4·97	149	35	6·9	5·9	6·9	0	11	12	3	2	0	2	0	2	5	0	0	26	9	14	20	12	12	8	2	4	9
May	1·85	47	19	6th	5·13	159	31	6·6	6·9	7·2	3	15	16	9	0	0	0	3	1	1	0	0	8	19	3	6	15	19	21	2	2	6
June	1·37	35	8	16th	6·33	190	36	6·1	6·5	5·6	3	5	16	9	0	0	1	2	0	0	0	0	23	8	1	2	4	14	16	5	14	26
July	5·92	150	39	21st	4·74	147	28	8·0	6·9	6·8	2	16	17	13	0	0	0	2	4	0	0	0	5	17	2	7	11	19	14	9	4	10
Aug.	2·71	69	21	12th	3·74	116	25	7·4	7·4	7·1	0	14	15	8	0	0	1	2	0	0	0	0	15	16	2	5	5	12	18	15	12	8
Sept.	5·20	132	27	1st	4·50	135	36	6·2	6·1	4·6	4	5	21	17	0	0	0	1	1	8	0	0	23	5	6	2	5	6	13	15	19	19
Oct.	2·29	58	8	5th	2·68	83	26	6·7	6·5	7·3	0	11	20	13	0	0	1	1	0	8	0	0	26	6	5	4	3	6	24	20	12	13
Nov.	1·91	48	13	2nd	2·13	64	27	4·8	5·9	5·2	4	7	10	6	0	0	0	0	7	19	0	0	15	29	0	0	0	6	24	18	9	4
Dec.	2·39	61	11	22nd	1·32	41	20	5·9	5·5	5·0	3	5	18	14	5	0	1	0	0	18	1	1	12	18	2	0	0	5	23	22	13	10
Year	29·38	747	39	...	3·43	1253	28	6·6	6·7	6·2	24	126	198	125	27	13	11	11	17	92	2	2	214	157	46	51	69	132	239	149	121	131

ESKDALEMUIR OBSERVATORY, DUMFRIESSHIRE.

Heights above Ground : h_t = 2 ft. 8 ins. ; h_r = 1 ft. ; h_s = 4 ft. 11 ins. ; h_a = 49 ft. Observations at 9 h., 15 h., 21 h. Temps. for 24 hours ending 24 h. Time G.M.T.

								9 h.	15 h.	21 h.																						
Jan.	8·04	204	31	18th	1·35	42	18	7·7	8·2	6·6	3	16	23	19	11	14	0	0	7	17	2	1	46	14	14	5	2	1	17	17	15	8
Feb.	8·38	213	27	12th	0·82	23	9	9·1	9·4	8·4	0	21	24	24	7	2	3	0	5	5	4	3	53	10	3	4	0	2	27	24	11	3
March	1·96	50	16	28th	2·55	79	22	8·1	7·8	7·4	0	15	12	8	4	5	1	0	4	14	0	0	38	16	10	16	14	1	17	14	2	3
April	0·78	20	9	5th	5·23	157	37	8·1	6·4	5·4	3	9	5	5	5	1	2	1	1	16	0	0	52	9	14	38	12	0	6	3	4	4
May	3·15	80	16	22nd	5·68	176	35	7·5	7·9	6·8	3	16	16	13	1	0	1	4	4	6	0	0	32	17	6	14	10	4	10	17	10	5
June	1·94	49	11	7, 16	6·20	186	36	6·9	7·7	5·7	0	10	16	13	0	0	3	0	2	3	0	0	36	13	8	6	2	2	6	15	26	12
July	4·09	104	12	21st	5·35	166	32	8·2	8·0	6·7	1	17	22	17	0	0	1	7	2	1	0	0	27	14	5	11	4	5	19	17	17	1
Aug.	4·21	107	25	25th	3·29	102	22	9·1	9·0	7·5	0	21	22	18	0	0	0	1	1	0	0	0	38	8	2	9	3	4	15	27	21	4
Sept.	9·51	242	49	16th	3·80	114	30	7·8	8·1	5·4	1	11	25	21	2	0	5	3	0	4	0	0	50	8	7	11	2	1	10	20	24	7
Oct.	9·44	240	52	3rd	1·84	57	18	7·8	8·9	7·9	1	19	26	19	0	0	2	1	4	8	3	2	47	14	8	8	2	1	21	26	8	5
Nov.	4·27	109	29	10th	2·30	69	28	7·1	6·8	6·0	4	15	18	10	2	0	2	0	12	16	4	0	23	47	0	1	0	6	18	12	5	1
Dec.	6·77	172	17	22nd	1·32	41	19	8·2	7·3	6·9	1	16	23	21	9	5	0	0	2	13	0	0	48	22	4	4	0	4	23	22	11	3
Year	62·54	1590	52	...	3·32	1212	27	8·0	8·0	6·7	17	186	232	188	41	27	20	17	44	103	13	6	490	192	81	127	51	31	189	214	154	56

H refers to rain-gauge site and H_b to barometer cistern ; h_t refers to bulbs of thermometers, h_r to rain-gauge rim, h_s to sunshine recorder, and h_a to vane or cups of anemometer.

HUDDERSFIELD, YORKSHIRE.*

Lat. 53° 39′ N. Long. 1° 47′ W. Heights above Mean Sea Level: Rain-gauge Site, H = 409 ft.; H_b = 411 ft.

1918.	Mean Air Pressure.		Air Temperature in Degrees Fahrenheit.														Humidity.									Earth Temp.	
						Means of			Absolute Extremes.								Depression of Wet Bulb.			Vapour Pressure.			Percentage.			At 1 foot.	At 4 feet.
	Station Level.	Mean Sea Level.	9 h.	15 h.	21 h.	Max.	Min.	Max. and Min. combined.	Highest Max.	Day.	Lowest Min.	Day.	Lowest Max.	Day.	Highest Min.	Day.	9 h.	15 h.	21 h.	9 h.	15 h.	21 h.	9 h.	15 h.	21 h.		
	mb.	mb.	°F.	°F.	°F.	°F.	°F.	°F.	°F.		°F.		°F.		°F.		°F.	°F.	°F.	mb.	mb.	mb.	%	%	%	°F.	°F.
Jan.	997·0	12·4	37·4	40·2	38·5	43·5	33·7	38·6	54	24, 25	13	14th	28	8th	49	24th	1·7	2·1	1·5	6·7	7·2	7·0	82	80	84	36·6	40·1
Feb.	002·8	18·2	41·1	45·0	42·0	46·6	38·0	42·3	53	4, 22, 23	25	17, 18, 19	34	1st	48	23rd	1·4	2·3	1·5	7·9	8·6	8·1	88	83	88	40·4	41·1
March	002·2	17·6	40·6	45·8	40·5	47·3	35·5	41·4	64	23rd	29	2nd	34	3rd	46	11th	1·8	3·5	1·6	7·4	8·0	7·6	86	77	88	39·9	41·2
April	000·2	15·5	42·4	47·8	41·2	49·5	37·4	43·5	65	26th	30	21st	41	14, 18, 20	42	24th	2·0	4·1	1·6	7·8	8·3	7·7	86	75	88	43·5	42·4
May	002·5	17·5	55·6	61·6	53·0	63·4	45·5	54·5	81	21, 22	35	1st	46	1st	59	22nd	4·3	6·8	3·2	11·4	12·1	11·0	75	65	80	52·6	46·1
June	002·9	17·9	56·8	60·5	53·6	63·3	47·1	55·2	81	1st	40	4th	52	25th	55	13th	5·3	7·1	3·5	10·9	11·2	10·9	70	64	78	57·3	51·9
July	997·4	12·2	60·6	64·9	57·3	67·6	51·1	59·4	77	4th	42	9th	59	12th	59	16th	4·4	6·3	2·7	13·5	14·0	13·4	76	68	84	59·8	54·3
Aug.	999·7	14·5	59·4	65·5	58·3	67·2	53·7	60·5	81	21st	47	24th	58	27th	62	21st	3·6	6·9	2·6	13·6	13·8	13·9	79	66	84	60·6	56·3
Sept.	989·3	04·2	51·4	54·7	50·0	57·2	46·0	51·6	73	7th	39	30th	49	29th	56	17th	2·2	3·6	1·3	11·0	11·4	11·2	85	78	91	53·1	54·7
Oct.	998·7	13·9	47·9	51·9	46·9	53·7	42·8	48·3	65	10th	34	24, 26	48	17, 18	51	10th	1·6	3·2	1·2	10·0	10·5	10·0	88	80	91	47·7	50·6
Nov.	001·1	16·4	38·5	43·9	40·5	46·4	35·4	40·9	57	2, 5	25	13th	40	15, 16, 18, 22	47	2nd	1·0	2·3	1·4	7·3	8·1	7·7	91	83	89	40·6	46·7
Dec.	991·7	07·0	43·4	45·0	42·9	47·8	38·9	43·4	58	4th	29	26th	37	21st	50	2nd	1·2	1·9	1·4	8·9	8·9	8·5	91	86	89	41·5	44·2
Year	998·8	13·9	47·9	52·2	47·1	54·5	42·1	48·3	81	...	13	...	28	...	62	...	2·5	4·2	2·0	9·7	10·2	9·8	83	75	86	47·8	47·5

YARMOUTH (GORLESTON) a.

Lat 52° 35′ N. Long. 1° 43′ E. Heights above Mean Sea Level: Rain-gauge Site, H = 13 ft.; H_b = 16 ft.

			7 h.	13 h.	21 h.												7h.	13h.	21h.	7h.	13h.	21h.	7h.	13h.	21h.		
Jan.	013·6	14·3	36·3	38·8	37·1	42·2	31·5	36·9	55	24th	12	10th	30	8th	45	21st	0·5	1·1	0·6	7·0	7·3	7·1	96	91	95	38·2	42·7
Feb.	020·3	21·0	41·5	45·6	42·3	47·7	38·1	42·9	59	23rd	30	20th	35	1st	49	8th	1·2	2·3	1·2	8·0	8·7	8·2	90	83	91	42·1	44·3
March	017·0	17·5	38·6	44·9	41·3	47·6	36·1	41·9	65	23rd	30	9, 10	37	3rd	40	23, 31	1·0	3·0	1·8	7·3	7·9	7·5	92	78	86	42·3	44·3
April	012·4	12·9	41·7	46·1	42·1	48·5	38·8	43·7	55	2, 26, 27	32	19th	42	16th	43	12, 28	0·6	2·1	0·8	8·5	8·9	8·5	95	85	93	45·5	45·5
May	016·9	17·5	51·1	55·5	49·7	58·8	46·4	52·6	69	18, 23	42	2, 8, 9	47	1st	54	18th	1·9	4·0	1·5	11·0	11·3	10·8	86	75	89	53·3	49·7
June	017·1	17·6	54·5	60·3	53·6	63·1	47·4	55·3	78	2nd	40	6, 16	57	26th	55	13th	3·0	6·2	2·6	11·6	11·6	11·5	80	66	82	59·6	55·7
July	012·8	13·3	58·3	63·3	58·5	67·0	53·5	60·3	75	16th	48	10, 11, 13	60	3, 28	59	16, 20, 21	2·8	5·1	2·7	13·6	14·1	13·8	82	71	83	62·9	58·5
Aug.	014·8	15·3	58·3	65·5	60·1	68·6	54·9	61·8	89	22nd	48	30th	61	31st	63	22nd	1·5	5·0	2·3	14·9	15·4	15·1	90	73	86	64·3	60·5
Sept.	006·0	06·6	51·8	59·9	54·0	61·8	47·9	54·9	74	16th	37	29th	51	29, 30	59	17th	1·7	5·7	2·9	11·5	11·9	11·4	88	67	81	58·1	58·7
Oct.	014·7	15·2	47·3	53·3	49·2	55·1	43·2	49·2	65	10th	35	1st	49	25th	54	11th	1·2	3·1	1·6	10·0	10·9	10·5	92	79	89	51·6	54·3
Nov.	017·7	18·3	42·9	47·9	43·7	49·1	39·1	44·1	56	2, 5	31	20, 21	42	17th	51	1, 2	1·4	2·9	1·6	8·3	8·9	8·4	89	80	87	46·5	50·4
Dec.	008·5	09·3	43·7	46·9	43·6	48·8	39·4	44·1	58	3rd	30	18, 22, 25	39	24th	52	14th	0·8	1·6	1·1	9·0	9·6	8·8	93	89	91	45·2	48·6
Year	014·3	14·9	47·2	52·3	47·9	54·9	43·0	49·0	89	...	12	...	30	...	63	...	1·5	3·5	1·7	10·1	10·5	10·1	89	78	88	50·8	51·1

RICHMOND, SURREY (KEW OBSERVATORY),* a, e.

Lat. 51° 28′ N. Long. 0° 19′ W. Heights above Mean Sea Level: Rain-gauge Site, H = 18 ft.; H_b = 34 ft.

			9 h.	15 h.	21 h.												9h.	15h.	21h.	9h.	15h.	21h.	9h.	15h.	21h.		
Jan.	014·7	15·9	38·3	41·9	39·4	43·9	34·9	39·4	55	24th	20	9th	30	8th	49	24th	1·4	2·7	1·8	7·0	7·3	7·1	84	78	84	37·2	41·2
Feb.	021·4	22·7	42·6	47·8	43·9	48·4	39·2	43·8	57	22nd	24	19th	37	1st	49	10th	2·0	3·9	2·0	8·0	8·5	8·4	84	74	84	41·7	43·
March	016·6	17·9	42·1	50·0	42·8	51·3	36·5	43·9	68	24th	31	16th	37	3rd	45	28, 31	2·7	6·3	2·9	7·3	7·7	7·4	80	64	79	41·4	43·
April	012·4	13·7	44·2	48·9	44·1	51·3	38·8	45·1	64	25th	30	3rd	42	16th	44	27th	2·1	4·1	2·4	8·3	8·6	8·2	84	74	83	45·3	45·
May	016·4	17·7	57·0	64·2	56·3	65·7	48·0	56·9	81	21st	42	11th	49	1st	57	22nd	4·8	9·0	4·5	11·4	11·5	11·3	72	57	73	55·0	49·
June	017·9	19·2	58·6	64·6	57·6	66·7	48·4	57·6	77	2nd	41	17th	61	17th	56	13th	6·4	9·7	4·7	10·8	11·1	11·7	64	55	73	58·6	54·
July	013·0	14·2	62·8	67·5	61·2	70·0	54·0	62·0	78	1st	47	4th	62	11th	60	5th	5·1	7·8	3·6	13·9	14·1	14·2	72	63	78	61·5	56·
Aug.	015·3	16·5	62·4	68·9	61·7	70·5	54·5	62·5	84	22nd	47	25th	63	27, 31	62	22nd	4·7	8·3	3·4	14·1	14·4	14·9	74	60	80	63·3	59·
Sept.	007·0	08·2	56·3	60·8	54·7	62·4	49·3	55·9	72	7th	38	29th	48	29th	60	17th	3·8	6·5	2·5	12·0	11·9	12·3	77	65	83	57·6	57·
Oct.	015·4	16·6	49·8	54·3	48·9	55·6	43·2	49·4	62	6th	33	14th	48	18th	57	10th	2·0	4·1	1·6	10·5	10·7	10·5	86	75	89	50·2	53·
Nov.	017·4	18·6	41·5	47·5	42·6	48·9	36·9	42·9	58	1st	27	14th	39	20th	52	1st	1·2	3·1	1·4	8·2	8·9	8·3	90	79	89	43·7	49·
Dec.	010·0	11·2	45·9	48·4	45·9	50·4	42·1	46·3	58	3rd	29	26th	40	25th	52	4th	1·5	2·7	1·7	9·6	9·6	9·4	89	82	87	44·8	47·
Year	014·8	16·0	50·1	55·4	49·9	57·1	43·8	50·5	84	...	20	...	30	...	62	...	3·1	5·7	2·7	10·1	10·4	10·3	80	69	82	50·0	50·

* The Hygrometrical Results are obtained from the Daily Values.

In the column for pressure at station level the first figure is omitted if it is a 1; for pressure at sea level the initial 9 or 10 is omitted.

HUDDERSFIELD, YORKSHIRE.

Heights above Ground: h_t = 4 ft.; h_r = 1 ft.; h_s = 8 ft. 6 ins. Observations at 9 h., 15 h., 21 h. Temps. for 24 hours ending 21 h. Time G.M.T.

1918.	Rainfall.				Bright Sunshine.			Amount of Cloud, 0—10.			Number of days of		Weather, Number of days of.									Wind, Number of Observations referred to a total of 93, 90, or 84 for the month.										
	Total.		Max.	Day.	Daily Mean.	Total.	Per cent.	9 h.	15 h.	21 h.	Clear Sky.	Overcast.	Precipitation.	Precipitation 0·04 or more.	Snow.	Snow lying.	Hail.	Thunder Storm.	Fog.	Ground Frost.	Gale. Force 8 or more.	Wind Force 8 and above.	Strong Wind (4—7).	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	in.	mm.	mm.		hr.	hr.	%																									
Jan.	2·56	65	12	18th	1·23	38	16	6·7	7·5	6·5	4	14	18	14	10	8	0	0	3	14	3	0	18	16	1	2	6	2	24	9	19	14
Feb.	5·40	137	35	6th	1·29	36	13	6·8	7·6	6·7	1	10	20	14	1	0	0	1	3	6	4	7	20	19	1	3	2	3	12	15	25	4
March	1·38	35	9	28th	3·10	96	26	6·6	6·5	6·9	5	14	14	10	4	5	0	0	0	12	0	0	12	20	8	11	14	2	9	10	11	8
April	1·10	28	6	9th	3·80	114	27	7·5	6·5	6·2	2	13	11	8	4	0	2	2	0	6	0	0	23	7	29	22	10	2	1	2	10	7
May	3·74	95	34	23rd	5·84	181	37	5·0	6·3	5·9	5	10	12	10	0	0	0	6	1	4	0	0	3	23	8	8	9	3	12	3	20	7
June	0·93	24	8	25th	6·43	193	38	6·4	6·2	4·4	2	6	13	8	0	0	0	1	0	0	1	0	20	20	2	3	3	5	3	2	37	15
July	3·28	83	16	15th	6·23	193	38	6·5	6·5	5·0	3	8	15	15	0	0	0	7	0	0	0	0	15	21	5	3	3	4	7	11	30	9
Aug.	1·80	46	9	5th	4·65	144	32	7·7	6·3	6·4	0	12	17	12	0	0	0	0	0	0	0	0	19	17	3	2	4	1	3	6	40	17
Sept.	10·83	275	48	15th	4·07	122	33	7·3	6·8	5·7	0	10	29	25	0	0	1	6	0	0	0	0	27	14	4	3	2	2	11	9	39	6
Oct.	2·63	67	19	7th	2·23	69	21	6·5	6·9	7·3	2	13	17	13	0	0	2	2	0	4	3	0	21	24	4	4	0	2	9	15	22	13
Nov.	1·72	44	8	4, 7, 10	0·83	25	10	6·7	6·4	5·7	2	10	12	12	0	0	1	0	14	15	2	0	6	48	0	0	2	6	6	11	16	1
Dec.	5·92	150	19	22nd	0·81	25	11	6·5	7·2	5·4	1	9	23	21	3	3	0	0	2	14	1	0	18	20	3	0	0	3	8	14	37	8
Year	41·29	1049	48	...	3·39	1236	28	6·7	6·7	6·0	27	129	201	162	22	16	6	25	23	75	14	7	202	249	68	61	55	35	105	107	306	109

YARMOUTH (GORLESTON) NORFOLK.

Heights above Ground: h_t = 4 ft.; h_r = 1 ft. Observations at 7 h., 13 h., 21 h. Temps. for 24 hours ending 7 h. Time G.M.T.

								7 h.	13 h.	21 h.																						
Jan.	2·46	63	17	17th	1·71	53	21	7·3	5·8	6·6	3	8	14	13	8	...	2	0	7	14	0	0	46	1	7	4	2	1	13	30	18	17
Feb.	0·94	24	4	24th	2·96	83	31	6·5	6·1	6·1	2	8	12	12	0	...	0	0	6	7	0	0	52	1	4	4	2	6	18	21	20	8
March	0·79	20	6	30th	4·65	144	39	5·7	5·7	4·8	3	4	11	11	2	...	0	0	5	4	1	1	44	3	11	13	14	10	14	11	8	9
April	3·03	77	33	15th	3·97	119	29	7·4	7·2	5·9	0	8	13	13	3	...	3	0	6	0	0	0	57	1	22	32	9	5	5	5	6	5
May	0·80	20	6	5, 12	8·47	263	54	4·8	4·9	4·4	4	4	5	5	0	...	0	1	5	0	0	0	31	9	12	21	12	13	11	7	2	6
June	0·84	21	6	25th	8·23	247	50	4·9	5·7	5·4	3	1	12	5	0	...	0	1	1	0	1	1	35	2	18	13	5	4	15	6	10	17
July	4·06	103	37	20th	7·32	227	46	5·8	5·9	5·2	1	2	17	12	0	...	0	11	1	0	0	0	45	0	10	8	3	6	18	29	9	10
Aug.	1·88	48	23	2nd	6·68	207	46	5·3	5·4	4·7	0	0	14	8	0	...	0	2	0	0	0	0	31	4	10	4	3	5	15	13	18	21
Sept.	3·71	94	32	29th	5·70	171	46	5·4	6·3	5·2	0	2	22	19	0	...	1	1	1	0	0	0	56	0	2	1	4	4	6	30	31	12
Oct.	2·56	65	16	11th	2·39	74	23	7·6	7·2	6·1	0	9	18	13	0	...	0	0	3	0	0	0	34	5	12	12	1	1	6	29	14	13
Nov.	0·89	23	11	3rd	2·57	77	30	6·4	6·2	5·3	3	6	11	6	0	...	0	0	8	5	2	1	26	5	9	5	4	12	14	14	12	15
Dec.	2·87	73	11	18th	1·10	34	15	8·0	7·0	5·8	0	10	25	17	0	...	0	0	4	4	0	0	42	1	6	3	0	0	8	28	25	22
Year	24·83	631	37	...	4·65	1699	39	6·3	6·1	5·5	19	62	174	134	13	...	6	16	47	34	4	3	499	32	123	120	59	67	143	223	173	155

RICHMOND, SURREY (KEW OBSERVATORY).

Heights above Ground: h_t = 10 ft.; h_r = 1 ft. 9 ins.; h_s = 47 ft.; h_a = 70 ft. Observations at 9 h., 15 h., 21 h. Temps. for 24 hours ending 24 h. Time G.M.T.

								9 h.	15 h.	21 h.																						
Jan.	2·94	75	20	15th	1·87	58	23	8·1	6·9	7·4	0	18	17	8	8	4	2	0	10	18	0	0	25	14	6	4	2	1	26	15	20	5
Feb.	0·84	21	7	24th	2·29	64	23	7·4	7·8	6·8	2	15	12	6	1	0	0	0	5	12	0	0	26	10	4	0	4	5	16	28	17	0
March	0·90	23	9	30th	4·06	126	35	6·7	6·6	4·0	3	5	8	5	1	0	0	0	4	20	0	0	32	15	8	19	16	1	11	9	9	5
April	3·16	80	26	21st	2·83	85	21	8·3	8·1	6·3	0	16	17	11	5	0	2	2	6	9	0	0	25	9	39	14	9	1	1	6	8	3
May	1·82	46	12	7th	7·16	222	46	5·2	5·5	4·6	6	8	11	7	0	0	1	4	0	0	0	0	14	10	20	8	18	3	8	10	9	7
June	1·16	30	8	14th	7·73	232	47	5·7	7·0	4·5	4	6	11	5	0	0	1	3	1	2	0	0	7	13	14	7	6	1	4	10	21	14
July	4·78	121	27	11th	5·87	182	37	6·5	7·2	5·0	1	6	18	13	0	0	2	10	1	0	0	0	17	17	9	4	2	2	13	33	5	8
Aug.	1·40	36	10	3rd	5·90	183	41	6·9	6·8	5·7	2	10	12	9	0	0	0	1	0	0	0	0	7	17	4	2	4	1	12	21	21	11
Sept.	5·71	145	34	18th	4·97	149	40	6·4	7·2	4·4	2	7	23	14	0	0	2	1	2	1	0	0	26	7	0	1	5	2	13	35	23	4
Oct.	1·13	29	5	11th	2·42	75	23	7·9	7·3	5·8	2	14	14	9	0	0	0	0	5	10	0	0	14	21	15	6	1	0	13	23	6	8
Nov.	2·10	53	17	3rd	1·80	54	21	7·2	6·4	5·7	1	8	14	9	0	0	0	0	13	19	0	0	10	29	4	2	9	9	8	17	8	4
Dec.	2·11	54	9	10th	0·94	29	12	7·7	7·9	6·5	0	16	22	16	0	0	1	0	3	8	0	0	22	8	4	0	0	1	11	36	25	8
Year	28·05	713	34	...	4·00	1459	33	7·0	7·1	5·6	23	129	179	112	15	4	11	21	50	99	0	0	225	170	127	67	76	27	136	243	172	77

H refers to rain-gauge site and H_b to barometer cistern; h_t refers to bulbs of thermometers, h_r to rain-gauge rim, h_s to sunshine recorder, and h_a to vane or cups of anemometer.

FALMOUTH, CORNWALL,* a, e.

Lat. 50° 9′ N. Long. 5° 4′ W. Heights above Mean Sea Level: Rain-gauge Site, H = 167 ft.; H_b = 183 ft.

1918.	Mean Air Pressure.		Air Temperature in Degrees Fahrenheit.														Humidity.									Earth Temp.	
	Station Level.	Mean Sea Level.	7 h.	13 h.	18 h.	Means of Max.	Means of Min.	Max. and Min. combined.	Absolute Extremes. Highest Max.	Day.	Lowest Min.	Day.	Lowest Max.	Day.	Highest Min.	Day.	Depression of Wet Bulb. 7 h.	13 h.	18 h.	Vapour Pressure. 7 h.	13 h.	18 h.	Percentage. 7 h.	13 h.	18 h.	At 1 foot.	At 4 feet.
	mb.	mb.	°F.	°F.	°F.	°F.	°F.	°F.	°F.		°F.		°F.		°F.		°F.	°F.	°F.	mb.	mb.	mb.	%	%	%	°F.	°F.
Jan.	007·6	14·7	42·6	45·7	43·3	47·3	38·7	43·0	53	20, 21, 24, 29, 31	25	5th	35	8th	49	18, 25	1·2	2·0	1·3	8·6	9·1	8·8	90	85	89	43·5	45·7
Feb.	015·9	22·8	46·1	49·1	47·3	50·3	43·2	46·8	54	4, 10, 22	34	26, 28	40	28th	49	11th	1·3	2·1	1·4	9·5	10·3	10·1	90	86	91	47·8	48·2
March	009·9	16·8	42·5	48·8	45·7	50·4	39·1	44·8	61	24th	30	1, 3, 4	40	2nd	45	11, 31	1·2	3·6	2·3	8·5	9·0	8·7	90	76	83	47·5	48·0
April	007·1	13·9	44·6	51·2	48·8	52·9	41·0	47·0	65	27th	35	15, 19, 23	45	17th	47	6, 27	2·0	4·5	3·4	8·6	9·2	9·1	85	72	78	51·4	50·5
May	011·1	17·8	52·7	58·5	57·1	60·7	47·7	54·2	69	28th	43	5th	48	1st	54	22nd	2·3	4·4	4·2	11·6	12·4	11·9	86	75	76	57·4	54·1
June	014·6	21·3	57·2	62·2	60·7	64·5	49·3	56·9	72	3rd	42	26th	59	10, 18	56	2nd	3·8	6·2	5·8	12·4	12·6	12·3	78	67	68	61·9	58·8
July	008·1	14·7	58·8	64·4	62·5	66·9	53·8	60·4	76	1st	46	10th	62	15, 22	58	15, 19, 22	2·2	5·1	4·4	14·6	14·9	14·5	87	73	76	64·0	61·0
Aug.	011·8	18·4	58·5	65·1	62·1	66·6	54·9	60·8	72	20th	47	24, 29	60	28th	60	20th	1·2	4·7	3·1	15·4	15·6	15·6	92	75	82	64·9	62·8
Sept.	002·5	09·2	53·4	59·4	56·1	61·1	50·6	55·9	68	6th	43	29th	52	30th	59	7th	1·8	3·9	2·3	12·4	13·4	13·3	88	78	86	60·4	61·3
Oct.	010·3	17·1	48·9	55·0	51·1	56·2	45·5	50·9	60	3, 6	39	18th	51	12th	53	10th	1·2	3·6	1·6	10·8	11·4	11·4	91	78	89	54·1	56·7
Nov.	010·2	17·2	46·3	50·8	47·6	52·0	43·0	47·5	56	1, 4	30	18th	43	17, 18,	51	29th	1·4	2·9	1·6	9·7	10·3	10·1	90	81	89	49·6	52·9
Dec.	006·1	13·0	48·2	50·1	48·6	51·7	44·7	48·2	56	1, 3	36	21, 26, 27	45	24th	53	14th	1·1	1·5	1·0	10·8	11·1	10·8	92	89	93	49·3	51·4
Year	009·6	16·4	50·0	55·0	52·6	56·7	46·0	51·4	76	...	25	...	35	...	60	...	1·7	3·7	2·7	11·1	11·6	11·4	88	78	83	54·3	54·3

SOUTHPORT, LANCASHIRE,* a.

Lat. 53° 39′ N. Long. 2° 59′ W. Heights above Mean Sea Level: Rain-gauge Site, H = 37 ft.; H_b = 42 ft.

			9 h.	15 h.	21 h.												9 h.	15 h.	21 h.	9 h.	15 h.	21 h.	9 h.	15 h.	21 h.		
Jan.	011·0	12·5	39·1	42·2	40·4	45·0	35·5	40·3	55	25th	19	14th	33	7th	46	23, 24, 26	1·5	2·1	1·4	7·3	7·9	7·7	85	83	87	37·0	40·0
Feb.	016·7	18·3	43·2	45·9	43·4	47·9	40·3	44·1	55	4th	32	17, 18	39	18, 28	47	23rd	1·6	2·2	1·6	8·4	8·9	8·5	88	85	87	41·6	42·5
March	016·0	17·6	41·7	47·1	41·1	48·6	35·9	42·3	62	22nd	28	2nd	37	8th	42	11, 12, 20, 25	2·0	4·4	2·0	7·6	8·0	7·4	85	73	84	40·5	42·6
April	014·4	15·9	45·9	50·7	43·4	52·1	38·3	45·2	70	26th	30	21st	40	20th	44	24, 26	3·7	5·6	2·6	7·9	8·3	7·8	75	68	81	45·1	45·2
May	016·4	17·9	55·7	58·2	52·1	61·7	46·3	54·0	83	22nd	33	1st	49	1st	59	22nd	4·3	4·8	2·0	11·4	12·1	11·6	75	73	86	55·6	51·7
June	017·4	18·9	56·8	58·9	54·3	60·7	49·7	55·2	70	3rd	44	4th	56	15, 16, 25	55	13th	4·1	4·9	2·8	11·9	12·2	11·8	75	72	82	60·8	58·1
July	011·2	12·7	60·2	63·1	58·0	65·0	52·6	58·8	80	31st	44	10th	60	11, 12, 26	60	16th	3·8	5·4	2·4	13·7	13·9	14·1	78	71	85	63·6	60·6
Aug.	013·6	15·2	61·5	64·8	59·7	66·8	55·7	61·3	80	21st	45	24th	59	25, 31	62	21st	3·4	4·8	2·7	14·9	15·4	14·7	80	74	84	64·5	62·7
Sept.	002·9	04·5	53·2	56·1	52·6	58·1	49·3	53·7	71	7th	42	30th	48	29th	56	17th	2·6	4·0	2·1	11·5	11·7	11·7	84	76	86	55·7	58·2
Oct.	012·6	14·2	49·3	52·8	49·0	54·5	43·9	49·2	63	10th	33	24th	50	21st	53	3rd	2·0	3·6	2·1	10·3	10·5	10·2	86	77	85	49·1	52·8
Nov.	014·7	16·2	41·4	45·5	41·6	47·2	36·8	42·0	58	1st	28	19th	38	16, 17	49	2nd	1·5	2·5	1·7	8·0	8·6	8·0	88	83	88	41·2	47·2
Dec.	005·9	07·4	44·7	46·0	43·9	48·5	39·8	44·2	56	4th	28	26th	41	21, 24, 25, 31	50	3rd	1·1	1·9	1·6	9·3	9·2	8·7	91	86	87	42·0	44·7
Year	012·7	14·3	49·4	52·6	48·3	54·7	43·7	49·2	83	...	19	...	33	...	62	...	2·6	3·9	2·1	10·2	10·6	10·2	83	77	85	49·7	50·5

CAHIRCIVEEN (VALENCIA OBSERVATORY),* a, e.

Lat. 51° 56′ N. Long. 10° 15′ W. Heights above Mean Sea Level: Rain-gauge Site, H = 30 ft.; H_b = 45 ft.

			9 h.	15 h.	21 h.												9 h.	15 h.	21 h.	9 h.	15 h.	21 h.	9 h.	15 h.	21 h.		
Jan.	008·7	10·4	43·9	45·1	44·1	46·8	40·5	43·7	54	31st	26	8th	33	8th	51	31st	1·8	1·4	1·3	8·8	9·4	9·0	90	89	89	...	...
Feb.	015·7	17·4	47·1	49·3	47·7	50·7	43·9	47·3	53	10, 23	32	17th	44	28th	51	1st	1·2	2·0	1·8	10·1	10·3	9·8	91	86	87	...	...
March	013·6	15·3	45·1	49·3	45·0	50·4	40·6	45·5	59	24th	28	2nd	42	3rd	49	21st	2·1	3·4	1·8	8·8	9·3	8·9	84	77	86	...	...
April	015·1	16·7	48·6	51·1	47·3	52·7	42·3	47·5	62	27th	38	25th	45	9th	47	12th	3·1	3·6	2·3	9·2	9·8	9·2	78	76	83	...	...
May	015·4	17·0	55·4	57·6	53·1	59·4	49·1	54·3	69	31st	42	6th	52	1st	55	21st	3·1	3·6	2·0	12·1	12·5	11·9	82	78	87	...	...
June	020·8	22·4	58·1	60·8	55·9	62·4	51·1	56·8	76	3rd	46	15, 16	55	16th	55	6th	3·8	5·0	2·8	12·8	13·1	12·4	78	72	81	...	...
July	011·4	12·9	60·1	62·2	57·7	64·0	53·4	58·7	70	30th	48	20th	59	9, 10	60	29th	3·3	4·3	2·3	14·2	14·4	13·8	81	76	85	...	...
Aug.	015·8	17·4	60·1	62·2	58·6	63·5	55·2	59·4	68	9th	47	29th	59	31st	61	20th	2·0	3·2	1·9	15·5	15·4	14·7	88	80	88	...	...
Sept.	005·3	06·9	54·7	56·8	53·2	58·1	50·0	54·1	68	6th	43	28th	52	29, 30	56	15th	2·9	3·4	2·5	12·1	12·6	11·6	82	79	83	...	...
Oct.	013·5	15·1	50·0	52·5	50·5	54·0	45·7	49·9	59	9th	35	24th	50	12th	54	5th	1·8	2·5	1·6	10·8	11·3	11·2	87	84	88	...	...
Nov.	011·9	13·6	47·5	49·6	47·7	50·9	43·9	47·4	55	30th	32	19th	45	18th	51	28th	2·2	2·5	1·8	9·5	10·1	9·8	84	83	86	...	...
Dec.	007·3	09·0	48·2	49·1	48·4	51·3	45·0	48·2	56	3rd	36	25th	44	25th	53	1st	1·6	2·0	1·8	10·2	10·3	10·3	87	86	87	...	...
Year	012·9	14·5	51·6	53·8	50·8	55·4	46·7	51·1	76	...	26	...	33	...	61	...	2·4	3·1	2·0	11·2	11·5	11·1	84	81	86	...	...

* The Hygometrical Results are based on the Daily Values.

In the column for pressure at station level the first figure is omitted if it is a 1; for pressure at sea level the initial 9 or 10 is omitted.

FALMOUTH, CORNWALL, a, e.

Heights above Ground: h_t = 4 ft.; h_r = 2 ft.; h_s = 34 ft.; h_a = 41 ft. Observations at 7 h., 13 h., 18 h. Temps. for 24 hours ending 7 h. Time G.M.T.

1918.	Rainfall.				Bright Sunshine.			Amount of Cloud, 0—10.			Number of days of		Weather, Number of Days of									Wind, Number of Observations referred to a total of 93, 90, or 84 for the month.										
	Total.	Total.	Max.	Day.	Daily Mean.	Total.	Per cent.	7 h.	13 h.	18 h.	Clear Sky.	Overcast.	Precipitation.	Precipitation 0·04 or more.	Snow.	Snow lying.	Hail.	Thunder Storm.	Fog.	Ground Frost.	Gale. Force 8 or more.	Wind Force 8 and above.	Strong Wind (4—7).	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	in.	mm.	mm.		hr.	hr.	%																									
Jan.	5·32	135	30	18th	2·16	67	26	6·7	6·9	6·1	6	13	21	15	3	2	3	0	1	11	4	2	44	2	9	10	2	9	28	16	11	6
Feb.	3·66	93	16	28th	1·64	46	17	8·0	8·1	7·8	0	17	20	18	1	0	3	0	2	2	6	5	53	0	6	0	0	9	18	29	14	8
March	1·84	47	10	28th	4·39	136	37	7·1	6·1	5·1	4	9	11	9	0	0	1	0	4	6	1	0	43	2	10	14	15	14	11	15	8	4
April	1·98	50	13	3rd	6·27	188	46	5·2	5·8	4·3	6	6	13	11	0	0	1	0	3	7	0	0	34	1	27	11	8	14	6	3	5	15
May	1·11	28	7	12th	7·81	242	51	5·4	5·1	3·2	7	3	11	8	0	0	1	0	4	0	0	0	28	1	17	7	11	21	4	8	10	14
June	0·90	23	16	18th	9·53	286	59	5·2	5·0	3·1	8	4	7	4	0	0	0	0	0	0	0	0	32	2	15	3	6	9	3	8	10	34
July	3·03	77	18	15th	8·35	259	53	5·9	5·7	3·9	5	5	18	15	0	0	1	1	5	0	0	0	52	0	12	4	3	11	8	30	10	15
Aug.	2·25	57	22	2nd	5·06	157	36	7·4	6·7	6·5	1	9	13	8	0	0	0	1	3	0	0	0	35	1	9	0	0	14	5	19	22	23
Sept.	8·12	206	36	29th	4·53	136	36	6·9	7·5	6·4	1	11	26	26	0	0	4	3	0	0	0	0	53	0	3	0	1	9	12	30	22	13
Oct.	3·76	96	16	8th	3·32	103	31	6·7	6·6	6·9	2	12	24	19	0	0	1	0	5	0	0	0	42	0	14	6	3	1	11	25	12	21
Nov.	3·66	93	31	1st	2·70	81	31	6·9	6·9	6·6	3	13	16	11	0	0	0	0	3	6	2	0	38	3	5	5	10	17	9	13	19	9
Dec.	7·93	201	18	21st	1·68	52	21	8·5	8·0	6·8	1	16	29	27	0	0	6	0	1	2	6	2	68	0	5	1	0	2	10	28	29	18
Year	43·56	1106	36	...	4·80	1753	40	6·7	6·5	5·6	44	118	209	171	4	2	21	5	31	34	19	9	522	12	132	61	59	130	125	224	172	180

SOUTHPORT, LANCASHIRE, a.

Heights above Ground: h_t = 4 ft.; h_r = 1 ft.; h_s = 17 ft.; h_a = 62 ft. Observations at 9 h., 15 h., 21 h. Temps. for 24 hours ending 9 h.
Time L.M.T. (12 m. after G.M.T.)

								9 h.	15 h.	21 h.																					
Jan.	2·81	71	20	14th	1·77	55	23	6·7	7·8	7·5	1	15	20	16	6	6	5	0	0	13	3	1	73	2	6	4	3	26	19	5	19	9
Feb.	2·88	73	15	20th	1·46	41	15	8·4	8·3	7·4	0	17	18	14	1	0	3	0	0	0	7	4	64	0	1	2	1	25	14	24	12	5
March	1·12	29	6	27th	4·16	129	35	7·0	5·9	5·1	4	9	10	8	0	0	0	0	0	15	0	0	53	2	4	14	24	11	16	9	6	7
April	1·04	26	6	6th	5·77	173	42	6·1	6·2	5·0	6	7	13	8	1	0	1	0	1	13	0	0	54	5	11	26	21	2	3	4	10	8
May	3·27	83	27	22nd	7·06	219	45	6·3	5·7	5·4	7	11	13	11	0	0	3	4	0	3	2	1	38	5	5	7	14	9	8	4	20	21
June	1·67	42	13	6th	7·87	236	47	6·6	5·0	4·5	5	7	12	12	0	0	1	0	1	0	3	2	54	2	2	2	3	6	5	6	37	27
July	4·03	102	12	17th	7·06	219	43	7·0	5·7	6·4	2	9	16	13	0	0	2	10	0	0	0	0	50	2	5	3	4	9	10	16	31	13
Aug.	2·87	73	18	27th	5·97	185	41	7·6	6·2	6·7	0	11	13	9	0	0	1	0	0	0	1	1	55	4	3	4	3	7	8	18	34	12
Sept.	8·41	214	34	15th	4·20	126	34	7·9	7·3	7·7	0	16	29	26	0	0	3	2	0	0	5	6	68	1	4	2	13	8	9	12	34	7
Oct.	3·24	82	16	9th	3·29	102	32	7·0	6·9	7·4	0	12	19	14	0	0	2	1	2	8	2	4	52	3	7	5	5	12	15	19	15	12
Nov.	1·94	49	8	30th	1·75	52	21	6·5	6·5	4·7	2	7	15	12	0	0	1	0	3	14	2	0	42	1	1	2	10	35	14	9	14	4
Dec.	6·75	171	23	15th	1·19	37	16	8·5	7·3	5·8	0	14	27	26	1	0	5	1	0	7	6	2	67	1	4	0	3	17	19	18	19	12
Year	40·03	1015	34	...	4·31	1574	36	7·1	6·6	6·1	27	135	205	169	9	6	27	18	7	73	31	21	670	28	53	71	104	167	140	144	251	137

CAHIRCIVEEN (VALENCIA OBSERVATORY), a, e.

Heights above Ground: h_t = 4 ft.; h_r = 1 ft. 10 ins.; h_s = 42 ft.; h_a = 45 ft. Observations at 9 h., 15 h., 21 h. Temps. for 24 hours ending 24 h. Time G.M.T.

								9 h.	15 h.	21 h.																					
Jan.	7·53	191	27	31st	1·13	35	14	8·5	8·5	7·2	1	18	25	22	3	2	4	0	0	6	0	0	56	13	4	13	10	15	27	3	6	2
Feb.	6·42	163	22	17th	1·29	36	13	8·3	8·9	7·5	0	14	25	22	1	0	4	3	0	2	2	0	63	3	6	2	0	6	30	27	7	3
March	3·93	100	22	30th	5·26	163	45	5·8	5·8	4·9	4	6	15	13	0	0	1	1	0	5	0	0	43	13	1	8	13	14	26	7	6	5
April	1·74	44	13	6th	6·10	183	44	6·4	6·6	6·3	2	11	11	7	1	2	2	1	0	0	0	0	39	16	21	14	5	6	7	3	7	11
May	2·68	68	9	25th	6·90	214	44	7·1	6·5	7·2	3	12	18	16	0	0	0	0	1	0	0	0	40	9	5	1	5	9	37	5	10	12
June	2·22	56	18	18th	6·80	204	42	6·7	6·5	7·4	2	10	15	10	0	0	0	1	0	0	0	0	37	14	10	5	1	2	8	7	20	23
July	4·75	121	21	21st	7·58	235	48	6·7	6·5	7·0	0	8	21	17	0	0	0	0	0	0	0	0	39	11	5	2	1	5	18	19	17	15
Aug.	2·79	71	17	11th	3·23	100	22	8·9	8·1	8·1	0	19	21	16	0	0	0	0	0	0	0	0	45	3	7	0	0	4	20	19	25	15
Sept.	7·20	183	32	21st	4·47	134	36	7·4	7·5	5·7	0	9	28	25	0	0	3	1	0	0	0	0	57	4	7	3	7	3	11	17	20	18
Oct.	6·66	169	26	5th	2·68	83	26	7·6	8·3	8·2	1	18	27	18	0	0	3	1	0	0	2	0	56	17	11	5	2	0	20	12	19	7
Nov.	5·69	145	21	4th	1·80	54	21	7·8	7·4	7·1	0	12	20	18	0	0	0	0	0	2	2	0	50	6	3	6	10	19	18	15	10	3
Dec.	8·26	210	28	10th	1·32	41	17	8·1	8·1	8·0	0	17	29	25	0	0	6	2	0	0	3	2	66	3	4	3	2	5	25	26	15	10
Year	59·87	1521	32	...	4·06	1482	34	7·4	7·4	7·1	13	154	255	209	5	2	23	10	1	15	9	2	591	112	84	62	56	88	247	160	162	124

H refers to rain-gauge site and H_b to barometer cistern; h_t refers to bulbs of thermometer, h_r to rain-gauge rim, h_s to sunshine recorder, and h_a to vane or cups of anemometer.

ARMAGH,* a.

Lat. 54° 21′ N. Long. 6° 39′ W. Heights above Mean Sea Level: Rain-gauge Site, H = 204 † ft.; H_b = 209 † ft.

1918.	Mean Air Pressure.		Air Temperature in Degrees Fahrenheit.														Humidity.									Earth Temp.	
						Means of			Absolute Extremes.								Depression of Wet Bulb.			Vapour Pressure.			Percentage.				
	Station Level.	Mean Sea Level.	9 h.	...	21 h.	Max.	Min.	Max. and Min. combined.	Highest Max.	Day.	Lowest Min.	Day.	Lowest Max.	Day.	Highest Min.	Day.	9 h.	...	21 h.	9 h.	...	21 h.	9 h.	...	21 h.	At 1 foot.	At 4 feet.
	mb.	mb.	°F.	°F.	°F.	°F.	°F.	°F.	°F.		°F.		°F.		°F.		°F.	°F.	°F.	mb.	mb.	mb.	%	%	%	°F.	°F.
Jan.	003·0	10·3	38·7	...	39·3	43·7	34·7	39·2	53	24, 28, 29	18	14th	28	8th	50	28th	0·9	...	0·8	7·5	...	7·9	90	...	92	39·2	42·3
Feb.	007·2	14·6	43·9	...	43·8	48·8	40·5	44·7	55	22nd	28	28th	38	28th	48	23rd	1·0	...	0·9	9·1	...	9·1	93	...	93	44·1	44·5
March	008·5	16·0	41·3	...	41·8	50·2	36·2	43·2	64	21–23	24	2nd	37	3rd	44	19, 21	1·6	...	1·8	7·8	...	7·8	88	...	85	42·6	44·0
April	009·3	16·7	44·0	...	43·3	52·8	36·7	44·8	67	27th	30	3rd	45	10, 14	42	11, 27	2·2	...	2·0	8·2	...	8·1	84	...	86	46·4	45·8
May	009·4	16·7	52·5	...	52·2	61·5	44·9	53·2	75	31st	34	5th	47	1st	55	22nd	2·0	...	2·2	11·7	...	11·5	87	...	86	53·1	49·6
June	011·6	18·8	55·9	...	53·3	64·2	47·5	55·9	80	2nd	39	16th	55	18th	56	30th	2·2	...	1·6	13·1	...	12·4	86	...	89	58·2	54·2
July	004·0	11·3	57·4	...	55·5	66·2	49·8	58·0	71	1, 3, 31	39	10th	59	14th	55	7, 16, 31	2·5	...	1·9	13·5	...	13·1	85	...	87	59·5	55·7
Aug.	006·9	14·1	58·2	...	57·4	66·5	52·9	59·7	73	20th	43	31st	60	26, 29	61	20th	1·8	...	1·6	14·7	...	14·5	89	...	90	60·9	57·5
Sept.	996·6	03·7	49·4	...	48·0	56·9	43·7	50·3	64	3rd	36	30th	50	14, 15, 29	53	7th	1·5	...	1·2	10·7	...	10·5	89	...	91	54·3	55·4
Oct.	004·8	12·0	47·3	...	46·5	53·4	41·4	47·4	59	9, 10	31	13th	49	13, 22, 24	49	2, 28	1·2	...	1·0	10·2	...	10·1	92	...	93	49·7	51·6
Nov.	005·5	12·7	41·4	...	42·4	49·0	36·7	42·9	55	2nd	26	17, 30	42	17, 18, 19	46	10th	0·9	...	0·8	8·4	...	8·8	93	...	94	44·8	48·4
Dec.	997·7	04·9	43·5	...	42·8	48·6	39·3	44·0	56	1, 4, 13	31	21, 24, 25, 31	40	21, 24	50	2, 3	1·0	...	1·1	9·1	...	8·7	92	...	92	44·3	46·8
Year	005·4	12·7	47·8	...	47·2	55·2	42·0	48·6	80	...	18	...	28	...	61	...	1·6	...	1·4	10·3	...	10·2	89	...	90	49·8	49·7

* The Hygrometrical Results are based on the Daily Values. † See Introduction.

In the column for pressure at station level the first figure is omitted if it is a 1; for pressure at sea level the initial 9 or 10 is omitted.

ARMAGH, a.

Heights above Ground: h_t = 4 ft.; h_r = 1 ft.; h_s = 50 ft.; h_a = 50 ft. Observations at 9 h., 21 h. Temps. for 24 hrs. ending 21 h. Time L.M.T. (25 m. after G.M.T.).

1918.	Rainfall.				Bright Sunshine			Amount of Cloud, 0—10.			Number of Days of		Weather, Number of Days of									Wind, Number of Observations referred to a total of 93, 90, or 84 for the Month.										
	Total.		Max.	Day.	Daily Mean.	Total.	Per cent.	9 h.	...	21 h.	Clear Sky.	Overcast.	Precipitation.	Precipitation 0·04 or more.	Snow.	Snow lying.	Hail.	Thunder Storm.	Fog.	Ground Frost.	Gale. Force 8 or more.	Wind Force 8 and above.	Strong Wind (4—7).	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	in.	mm.	mm.		hr.	hr.	%																									
Jan.	2·84	72	19	18th	1·03	32	13	8·8	...	6·5	1	18	19	15	5	2	0	0	0	12	0	0	22	18	5	2	3	10	23	15	13	4
Feb.	3·76	96	11	18th	1·43	40	15	7·6	...	6·9	1	14	22	19	1	1	0	0	1	3	0	0	30	11	5	0	0	4	23	32	7	2
March	1·30	33	9	29th	4·10	127	35	7·3	...	5·4	7	12	12	8	1	0	0	0	0	12	0	0	10	29	4	6	11	9	12	13	4	5
April	1·11	28	10	8th	6·77	203	49	6·1	...	4·3	6	11	12	7	0	0	1	0	0	17	0	0	1	21	13	18	15	4	5	3	4	7
May	2·31	59	14	23rd	4·87	151	31	7·5	...	6·5	1	12	17	11	0	0	0	1	0	3	0	0	4	45	2	3	4	8	17	10	1	3
June	1·01	26	7	8th	6·23	187	37	7·0	...	7·6	0	12	14	8	0	0	0	1	0	0	0	0	2	48	8	0	0	2	6	12	5	9
July	3·26	83	16	22nd	5·26	163	32	7·8	...	6·8	0	14	18	13	0	0	0	1	0	0	0	0	3	43	3	2	1	11	14	16	2	1
Aug.	2·55	65	25	5th	4·00	124	27	8·3	...	7·7	1	18	19	13	0	0	0	1	0	0	0	0	3	37	1	1	2	4	14	24	7	3
Sept.	5·45	138	26	15th	4·03	121	32	7·0	...	4·4	1	4	25	21	0	0	3	1	0	1	0	0	5	28	4	8	1	1	11	24	7	6
Oct.	3·88	99	17	6th	2·13	66	21	8·4	...	7·5	0	19	24	17	0	0	2	0	3	7	0	0	16	33	4	3	1	1	12	33	4	2
Nov.	4·16	106	32	4th	3·13	94	38	5·6	...	6·2	6	10	16	12	1	0	0	0	10	10	0	0	15	28	1	0	1	7	23	27	3	0
Dec.	3·55	90	20	28th	1·61	50	22	7·1	...	6·9	1	11	26	20	2	0	0	0	2	10	0	0	22	12	4	0	1	4	25	34	8	5
Year	35·18	895	32	...	3·72	1358	31	7·4	...	6·4	25	155	224	164	10	3	6	5	16	75	0	0	133	353	54	43	40	65	185	243	65	47

Meteorological Office, South Kensington,
April 12th, 1919.